D-FS601

SERVICE MANUAL

US Model
Canadian Model

Ver 1.0 2002. 07

Photo : US model

Model Name Using Similar Mechanism	D-SJ301
CD Mechanism Type	CDM-3125ER
Optical Pick-up Type	DAX-25E

SPECIFICATIONS

CD player

System
Compact disc digital audio system

Laser diode properties
Material: GaAlAs
Wavelength: λ = 780 nm
Emission duration: Continuous
Laser output: Less than 44.6 µW
(This output is the value measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

D-A conversion
1-bit quartz time-axis control

Frequency response
40 - 20 000 Hz $^{0}_{-4.5}$ dB (measured by JEITA CP-307)

Output (at 4.5 V input level)
Headphones (stereo minijack)
Approx. 5 mW + Approx. 5 mW at 16 Ω

Radio

Frequency range (STEP switch)
• US model
9 kHz step:
TV: 2 - 13 ch
WB (weather band): 1 - 7 ch
FM: 87.5 - 108.0 MHz
AM: 531 - 1 710 kHz
10 kHz step:
TV: 2 - 13 ch
WB (weather band): 1 - 7 ch
FM: 87.5 - 108.0 MHz
AM: 530 - 1 710 kHz
• Canadian model
9 kHz step:
FM: 87.5 - 108.0 MHz
AM: 531 - 1 710 kHz
10 kHz step:
FM: 87.5 - 108.0 MHz
AM: 530 - 1 710 kHz

Antenna
*(TV/WB/)FM: Headphones/earphones cord antenna
AM: Built-in ferrite bar antenna
*US model only

General

Power requirements
For the area code of the model you purchased, check the upper left side of the bar code on the package.
• Sony NH-WM2AA rechargeable batteries: 2.4 V DC
• Two LR6 (size AA) batteries: 3 V DC
• AC power adaptor (DC IN 4.5 V jack) 120 V, 60 Hz

Battery life* (approx. hours)
(When you use the CD player on a flat and stable surface.)
Playing time varies depending on how the CD player is used.

When using	G-PROTECTION 1	G-PROTECTION 2	RADIO on
NH-WM2AA (charged for about 4 hours**)	32	35	40
Two Sony alkaline batteries LR6 (SG) (produced in Japan)	46	50	70

* Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association).
** Charging time varies depending on how the rechargeable battery is used.

Operating temperature
5°C - 35°C (41°F - 95°F)

Dimensions (w/h/d) (including projecting parts and controls)
Approx. 133.9 × 38.1 × 147.5 mm
(5 3/8 × 1 1/2 × 5 7/8 in.)

Mass (excluding accessories)
Approx. 331 g (11.7 oz.)

— Continued on next page —

TV/WB/FM/AM PORTABLE CD PLAYER
US model

FM/AM PORTABLE CD PLAYER
Canadian model

9-874-078-01
2002G1600-1
© 2002.07

Sony Corporation
Personal Audio Company
Published by Sony Engineering Corporation

SONY®

Supplied accessories

For the area code of the location in which you purchased the CD player, check the upper left side of the bar code on the package.

AC power adaptor (1)
Headphones/earphones (1)
Hand strap (1)

For US customers

The AC power adaptor supplied is not intended to be serviced. Should the AC power adaptor cease to function in its intended manner, during the warranty period, the adaptor should be returned to your nearest Sony Service Center or Sony Authorized Repair Center for replacement, or after warranty period, it should be discarded.

Design and specifications are subject to change without notice.

Unleaded solder

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

DANGER

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

CAUTION
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

On AC power adaptor

- Use only the AC power adaptor supplied or recommended in "Accessories (supplied/optional)." Do not use any other AC power adaptor. It may cause a malfunction.

Polarity of the plug

- When disconnecting the AC power adaptor from the AC outlet, grasp the adaptor itself. Do not pull it by the cord.
- Do not touch the AC power adaptor with wet hands.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

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NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30cm away from the objective lens.

Before Replacing the Optical pick-up Block

Please be sure to check thoroughly the parameters as per the "Optical pick-up Block Checking Procedure" (Part No. : 9-960-027-11) issued separately before replacing the optical Pick-up block.
Note and specifications required to check are given below.

- FOK output : IC601 ⑥⑤ pin (TP610)
  When checking FOK, remove the lead wire to disc motor.
- RF signal P-to-P value : 0.4 to 0.5Vp-p

Laser Diode Checking Methods

During normal operation of the equipment, emission of the laser diode is prohibited unless the upper panel is closed while turning ON the S801 (push switch type).
The following two checking methods for the laser diode are operable.

Method :
Emission of the laser diode is visually checked.

1. Open the upper lid.
2. Push the S801 as shown in Fig. 1 .
3. Check the object lens for confirming normal emission of the laser diode. If not emitting, there is a trouble in the automatic power control circuit or the optical pick-up. During normal operation, the laser diode is turned ON about 2.5 seconds for focus searching.

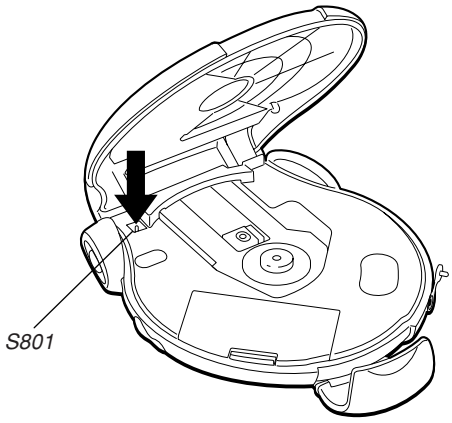


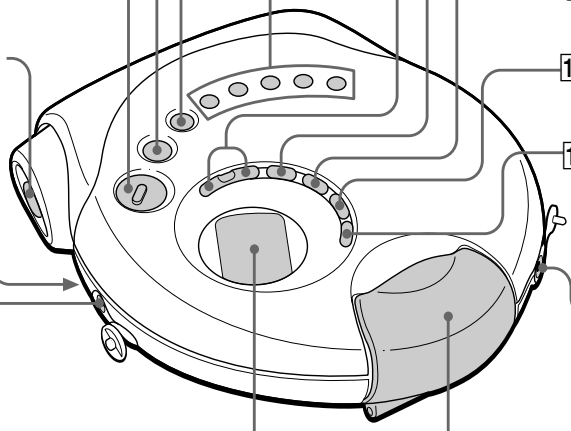
Fig. 1 Method to push the S801

SECTION 2
GENERAL

This section is extracted from instruction manual.

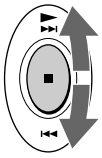
Locating The Controls

CD player (fornt)
(Except US model)

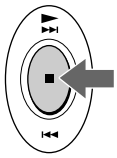


1 1 - 5 buttons (page 14)
2 AM button (pages 12, 15)
3 FM button (pages 12, 15)
4 HOLD switch (page 18)
5 3-way control key (see below)
6 VOL* (volume) control (page 7)
7 DC IN 4.5 V (external power input) jack (pages 6, 21)
8 Display (pages 8, 10 - 14, 17, 18)
9 PRESET –/+ buttons (page 15)
10 REPEAT/ENTER• TUNING + button (pages 9 - 12, 15)
11 PLAY MODE• TUNING – button (pages 9 - 12, 15)
12 SOUND button (pages 17, 18)
13 MEMORY button (pages 14, 15)
14 ∩ (headphones) jack (pages 6, 13, 20)
15 Buckle (page 6)

5 3-way control key



Push toward ►/►►I or I◄◄.

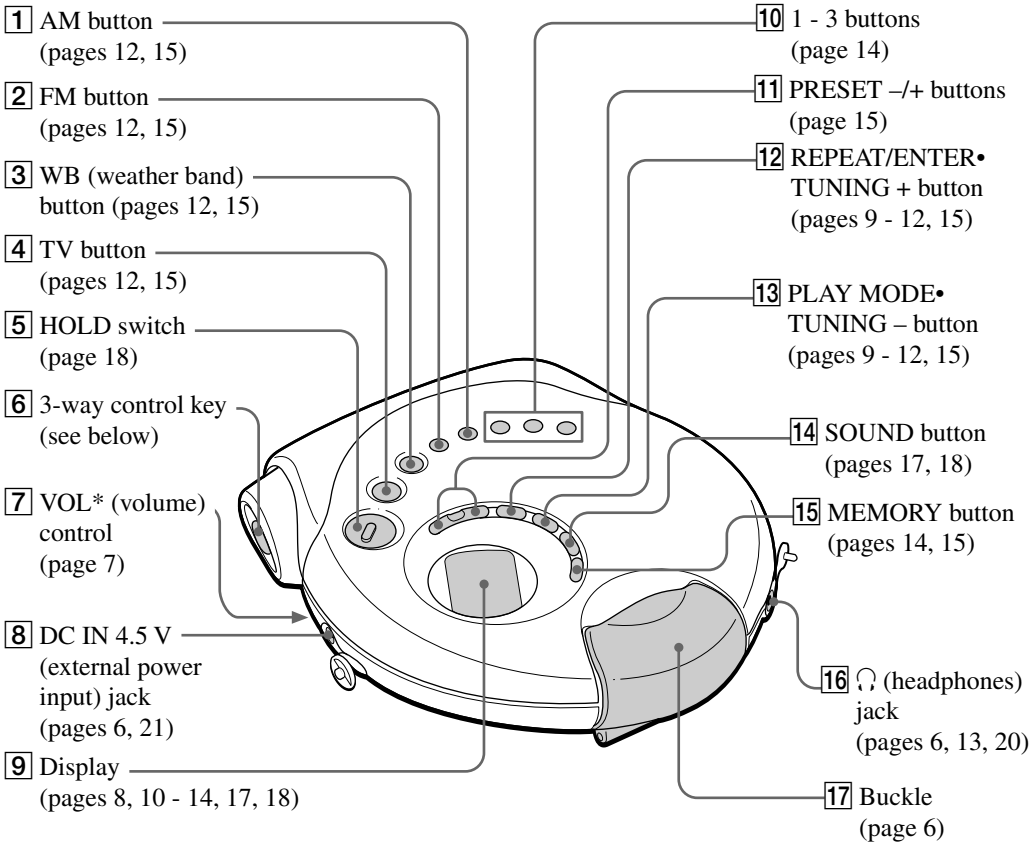


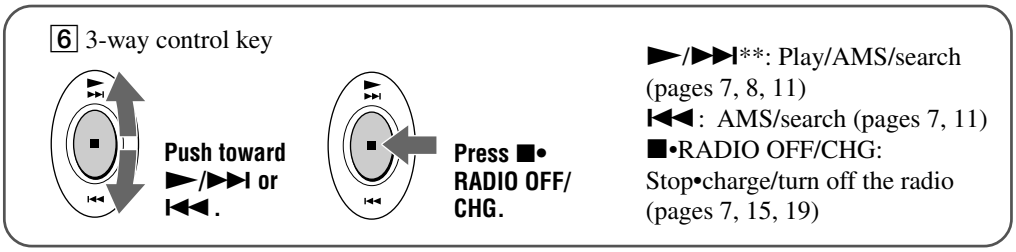
Press ■• RADIO OFF/ CHG.

►/►►I**: Play/AMS/search (pages 7, 8, 11)
I◄◄: AMS/search (pages 7, 11)
■•RADIO OFF/CHG: Stop•charge/turn off the radio (pages 7, 15, 19)

* There is a tactile dot beside VOL to show the direction to turn up the volume.
** There is a tactile dot beside ►/►►I.

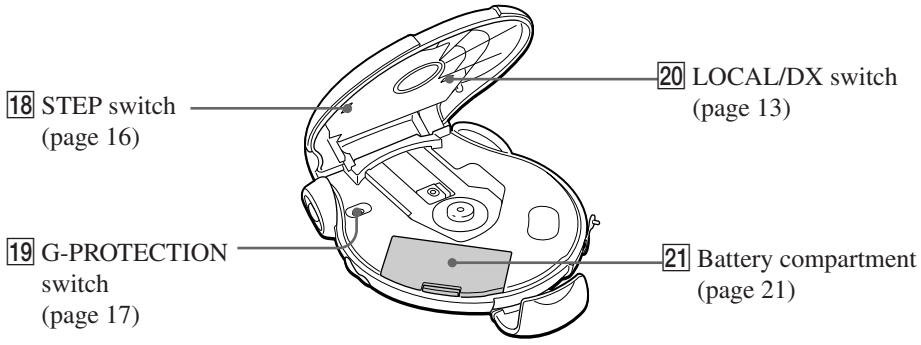
CD player (fornt)
(US model)





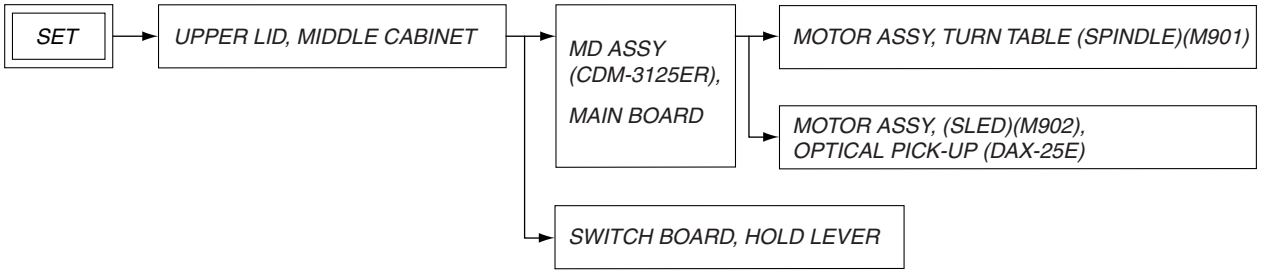
* There is a tactile dot beside VOL to show the direction to turn up the volume.
** There is a tactile dot beside ►/►►I.

CD player (inside)



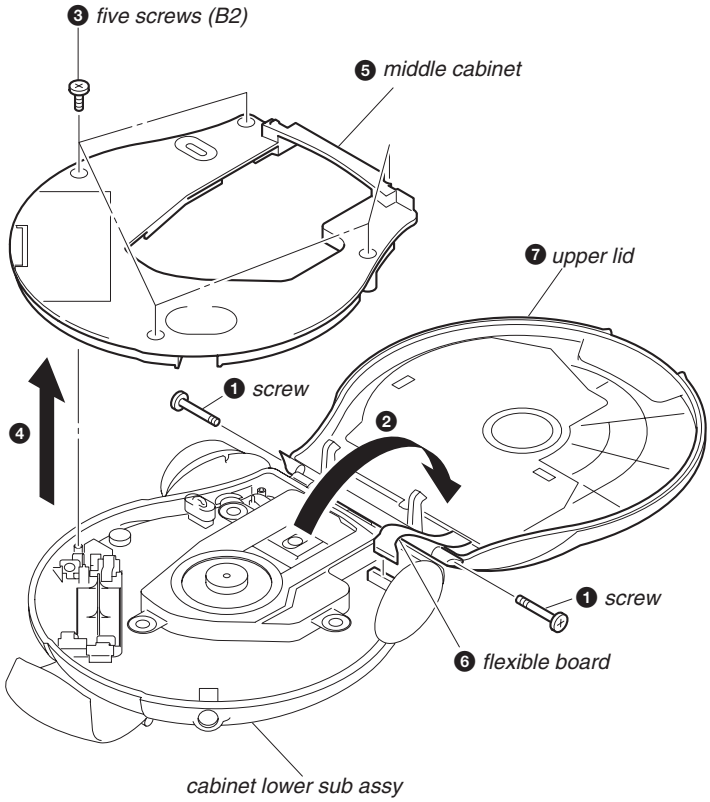
SECTION 3
DISASSEMBLY

● The equipment can be removed using the following procedure.

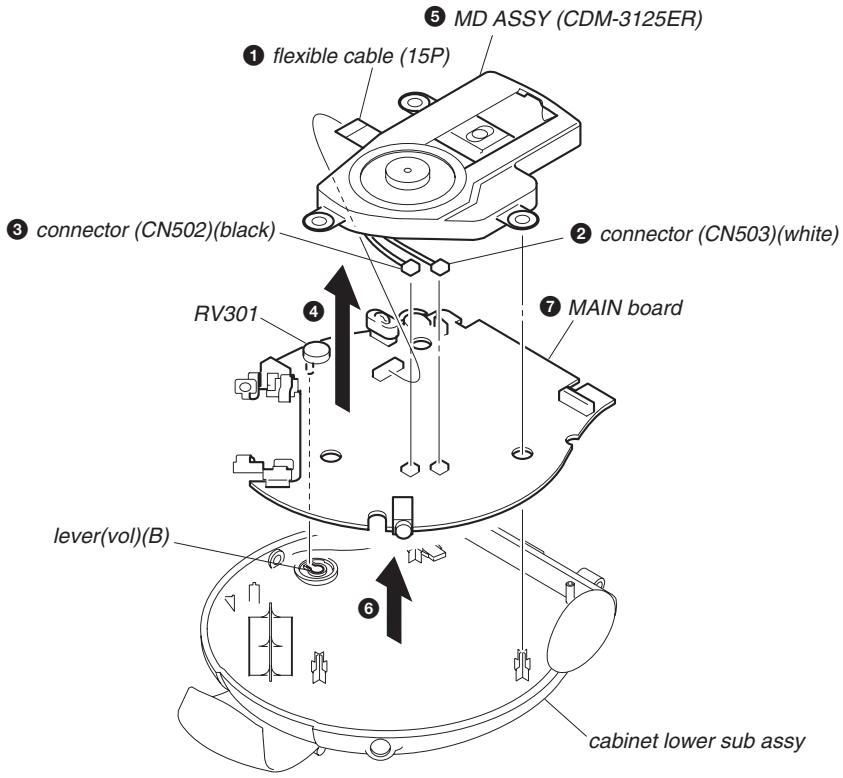


Note : Follow the disassembly procedure in the numerical order given.

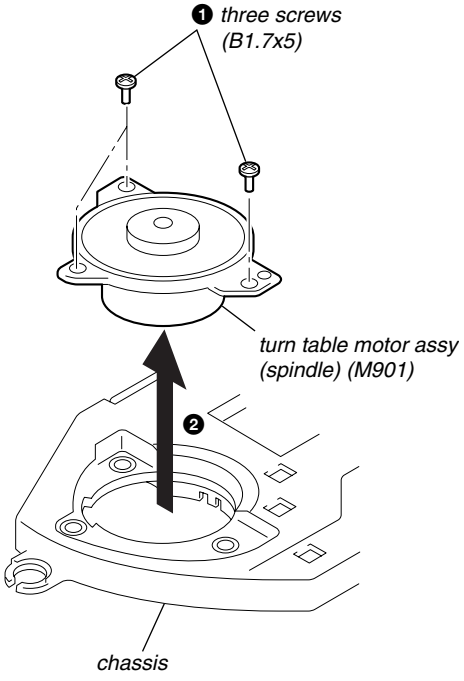
3-1. Upper Lid, Middle Cabinet



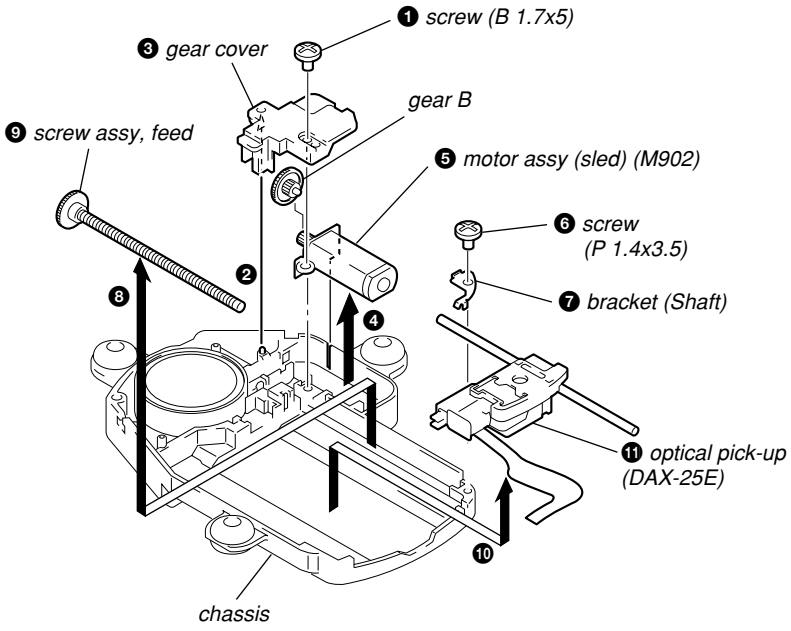
3-2. MD Assy (CDM-3125ER), MAIN Board



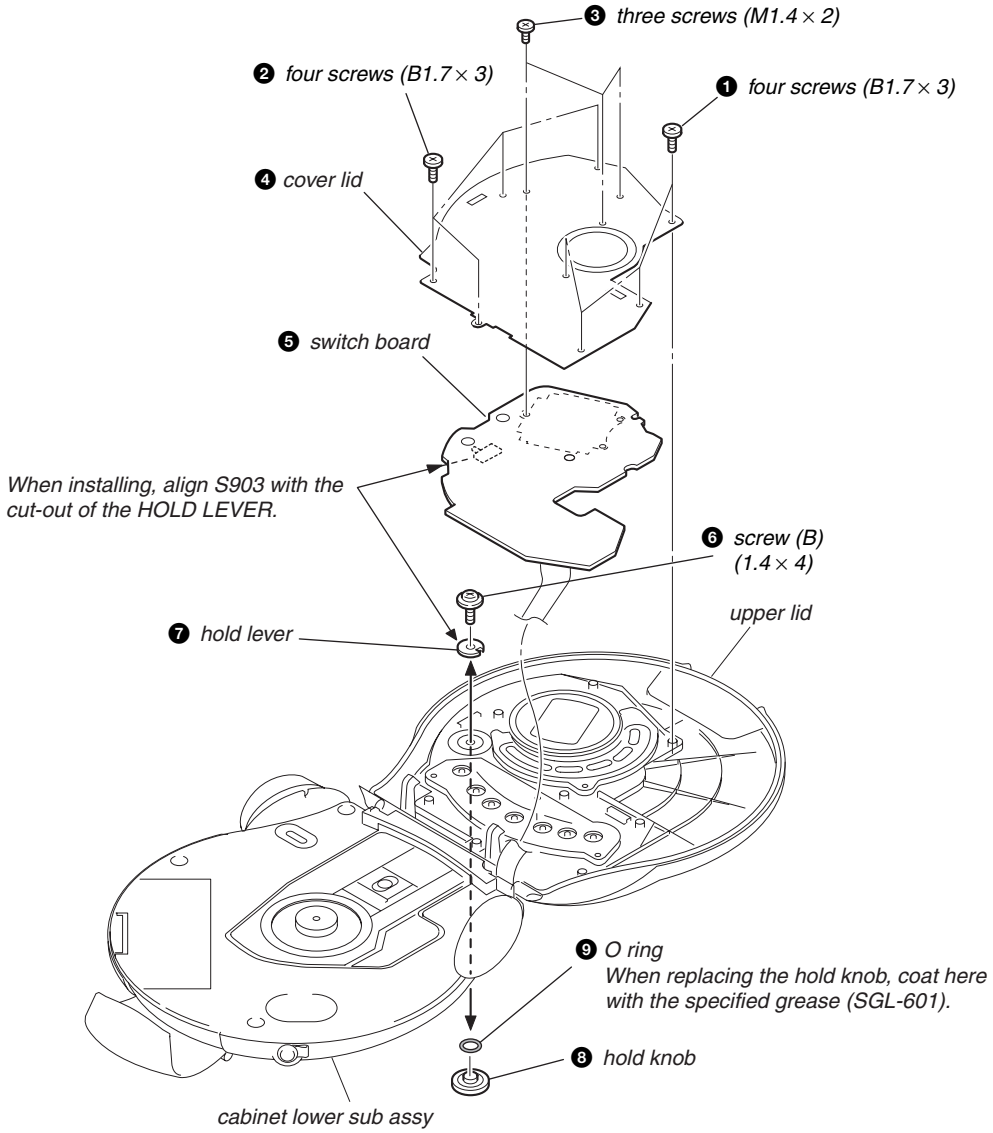
3-3. Turn Table Motor Assy (Spindle) (M901)



3-4. Motor Assy (Sled) (M902), Optical Pick-up (DAX-25E)



3-5. SWITCH Board, Hold Lever



SECTION 4
ELECTRICAL ADJUSTMENTS

CD SECTION

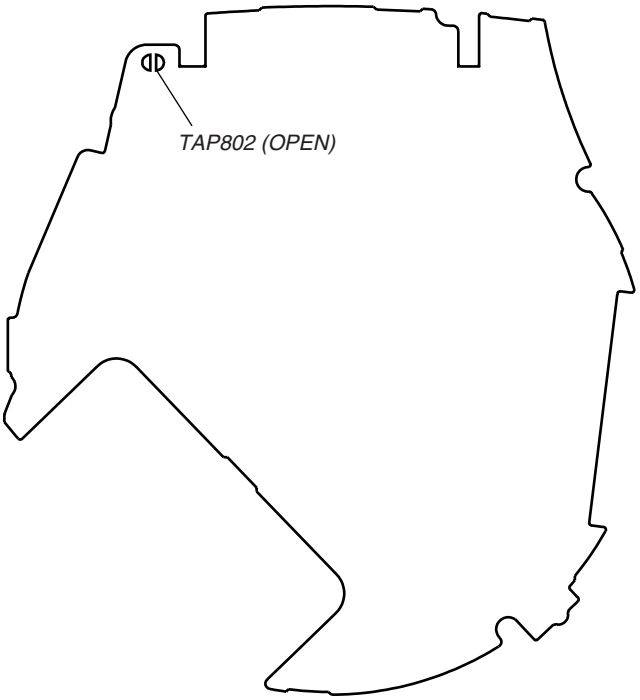
The CD section adjustments are done automatically in this set.

Precautions for Check

1. Perform check in the order given.
2. Use YEDS-18 disc (Part No.: 3-702-101-01) unless otherwise indicated.
3. Power supply voltage requirement : DC4.5 V in DC IN jack. (J401)

   VOLUME : Minimum
   AVLS : OFF
   HOLD switch : OFF

[MAIN BOARD] (Side A)

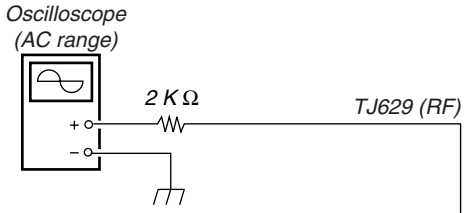


Focus bias Check

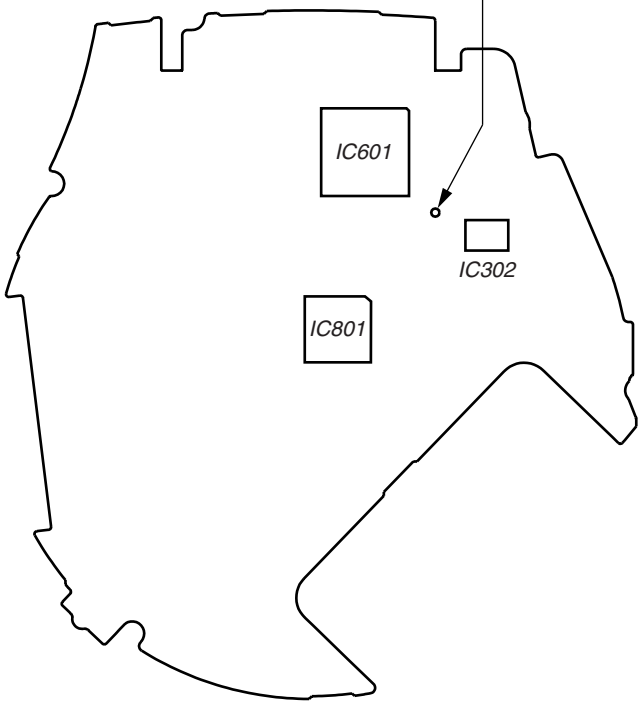
Condition:

- Hold the set in horizontal state.
- Terminate TAP802 (open) by solder.

Connection:



[MAIN BOARD] (Side B)

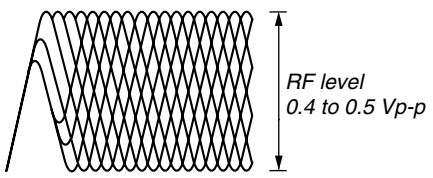


Procedure:

1. Connect the oscilloscope to the test points TJ629 (RF) on the MAIN board.
2. Set a disc. (YEDS-18)
3. Press the ►/►►I button.
4. Check the oscilloscope waveform is as shown below.
   A good eye pattern means that the diamond shape (◊) in the center of the waveform can be clearly distinguished.

RF Signal reference Waveform (Eye Pattern)

VOLT/DIV : 100 mV (With the 10 : 1 probe in use)
TIME/DIV : 500ns



To watch the eye pattern, set the oscilloscope to AC range and increase the vertical sensitivity of the oscilloscope for easy watching.

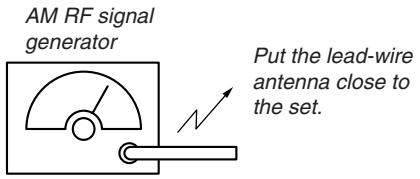
5. Stop revolving of the disc motor by pressing the ■ button.

TUNER SECTION

0 dB = 1 μV

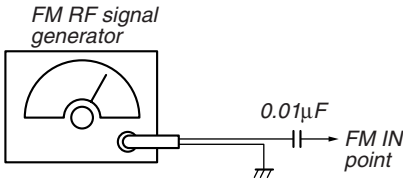
• Switch Location
VOLUME : MAX
BASS or BASS : OFF
AVLS : OFF

[AM]
BAND: AM
Signal generator



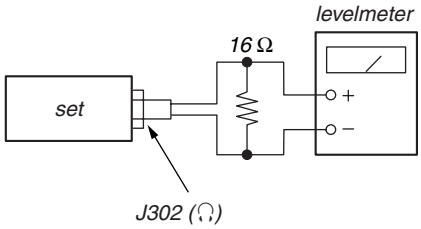
30% amplitude modulation by 400Hz signal.
Output level : as low as possible

[FM]
BAND : FM
Signal generator

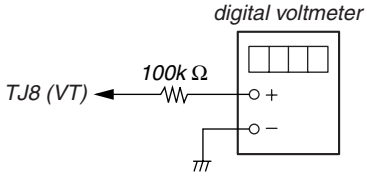


75kHz(100%) amplitude modulation by 1kHz signal.
Output level: as low as possible

• Connecting levelmeter



• Connecting digital voltmeter



- Repeat the procedures in each adjustment several times for the maximum level meter indication.
- The AM tracking adjustments should be finally done by the trimmer capacitors.

AM FREQUENCY COVERAGE ADJUSTMENT AND CHECK		
Adjustment Part	Frequency Display	Reading on Digital Voltmeter
L4	530kHz	1.2 ± 0.05V
Confirmation	1710kHz	7.6 ± 0.5V

AM TRACKING ADJUSTMENT	
Adjust for a maximum reading on levelmeter	
L3	620kHz
CT3	1400kHz

( ): US model

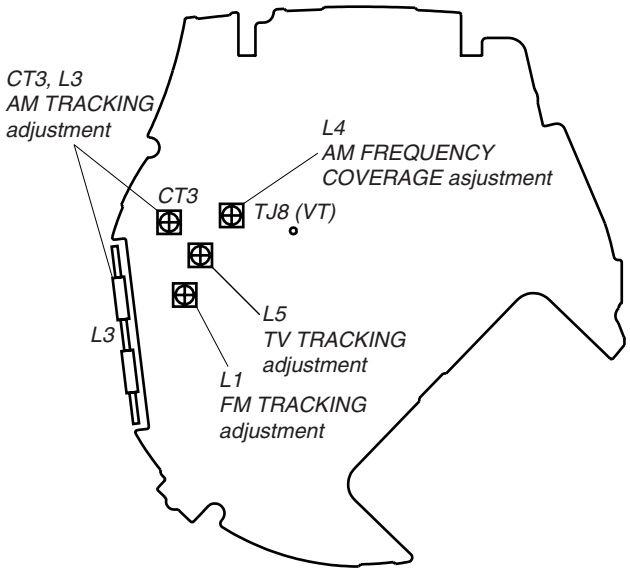
FM FREQUENCY COVERAGE CHECK		
Adjustment Part	Frequency Display	Reading on Digital Voltmeter
Confirmation	87.5MHz (87.5MHz)	4.2 ± 0.5V (5.5 ± 0.5V)

FM TRACKING ADJUSTMENT	
Adjust for a maximum reading levelmeter	
L1	98.0MHz

US model only

TV TRACKING ADJUSTMENT	
Adjust for a maximum reading on levelmeter	
L5	ch10 197.75MHz

Adjustment Location: Main board (Side B)



SECTION 5
DIAGRAMS

Note on Printed Wiring Board:
- ○——— : parts extracted from the component side.
- ▬▬ : Pattern from the side which enables seeing.

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

Note on Schematic Diagrams:
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : panel designation.
- : adjustment for repair.
- : B+ Line.
- Power voltage is dc 4.5 V and fed with regulated dc power supply from external power voltage jack.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.

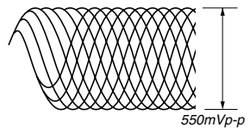
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.

⇨ : FM
➡ : AM
⇛ : CD

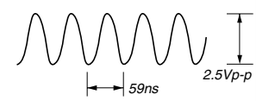
• Waveforms

① TEST POINT (TJ629,RF)



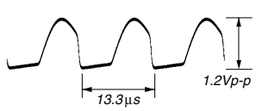
100mV/DIV, 400ns/DIV

② IC601 ㊽ (XTAO)



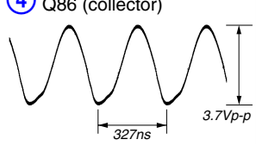
1V/DIV, 40ns/DIV

③ IC61 ㉞ (XOUT)



500mV/DIV, 4µs/DIV

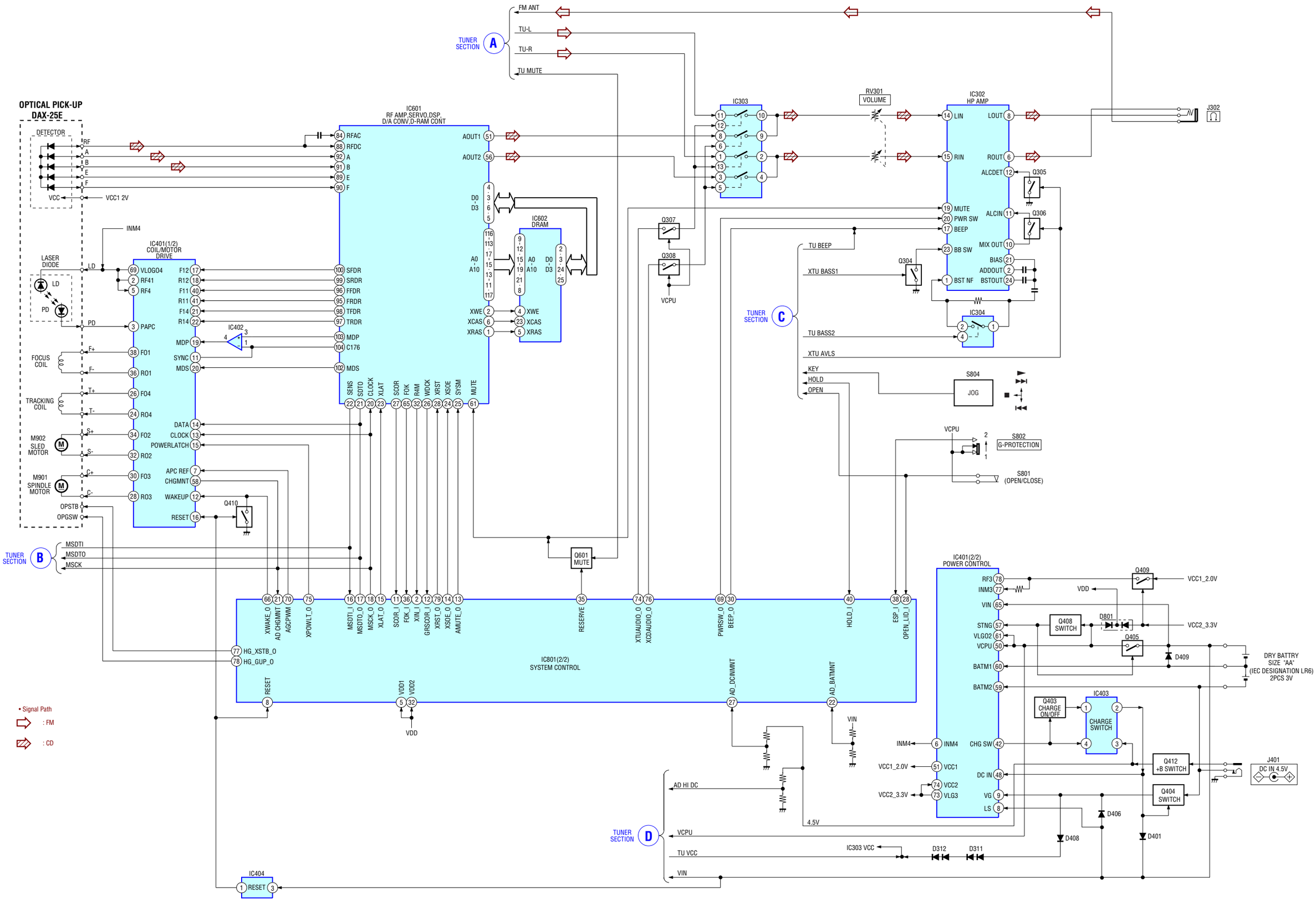
④ Q86 (collector)



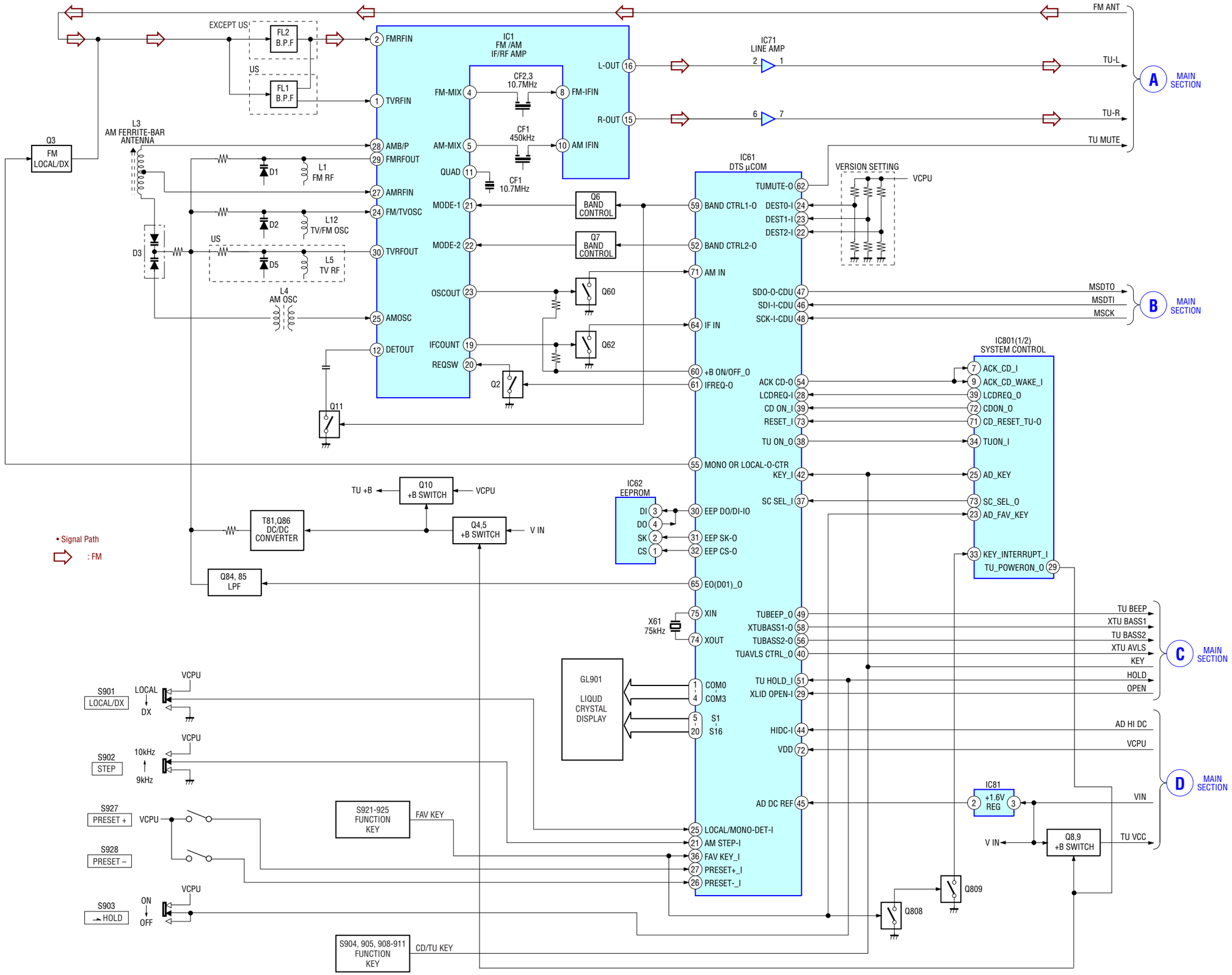
1V/DIV, 100ns/DIV

MEMO

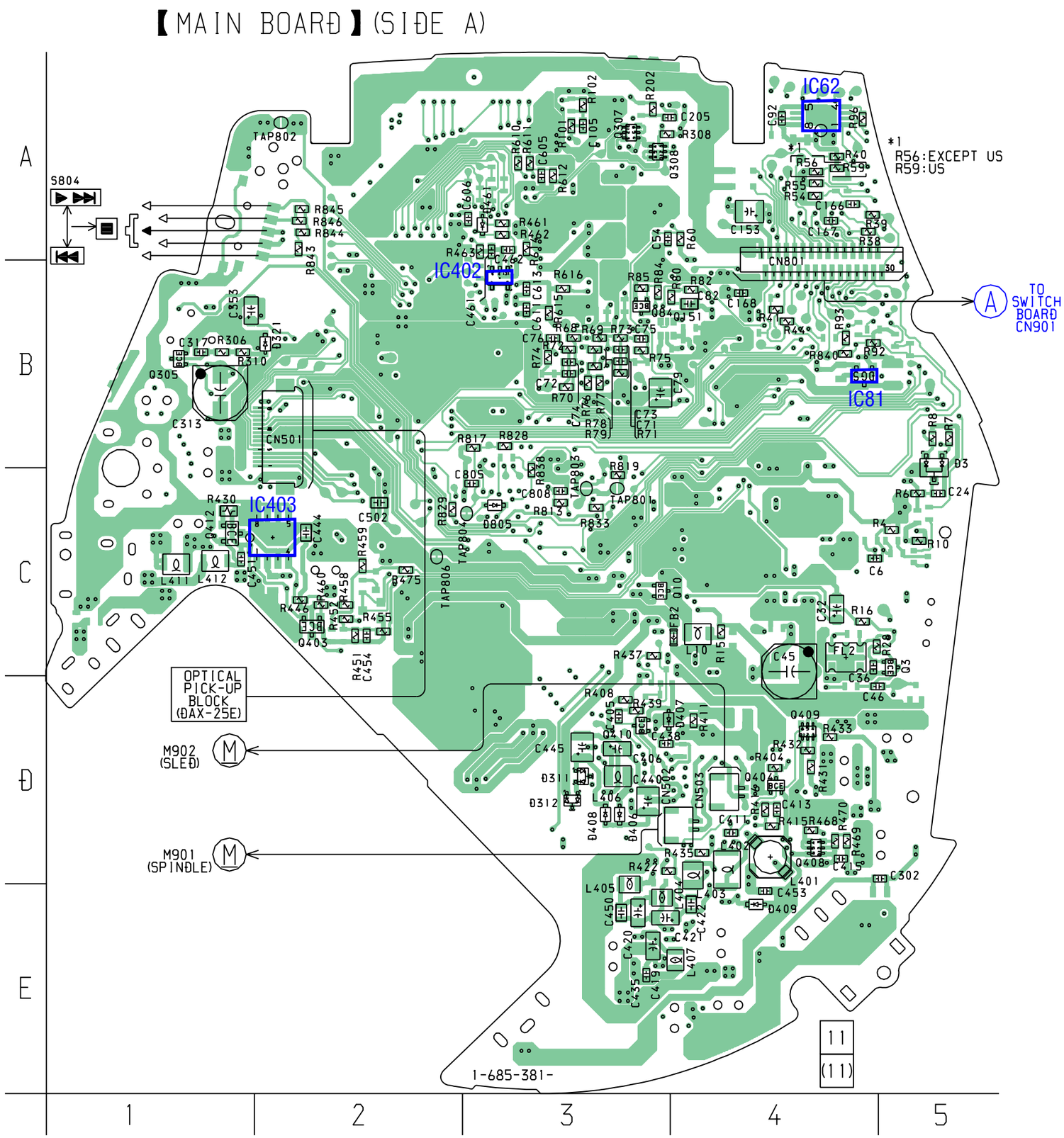
5-1. Block Diagrams – MAIN Section –



– TUNER Section –



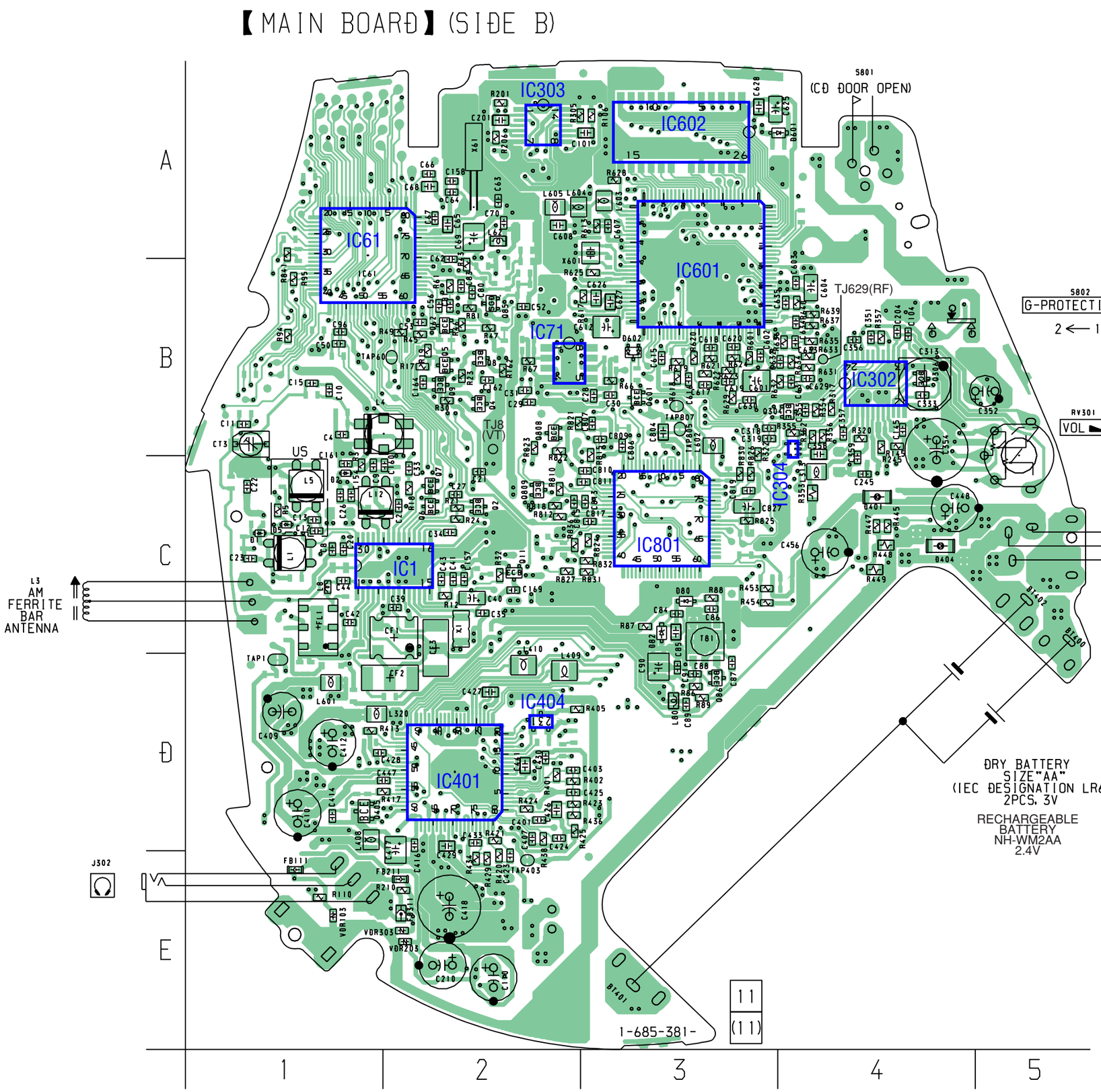
5-2. Printed Wiring Board – MAIN Board (Side A) – : Uses unleaded solder.



- **Semiconductor Location**

Ref. No.	Location
D3	C-5
D311	D-3
D312	D-3
D321	B-2
D406	D-3
D407	D-3
D408	D-3
D409	E-4
D461	A-3
D805	C-3
IC62	A-4
IC81	B-4
IC402	B-3
IC403	C-2
Q3	D-5
Q10	C-3
Q84	B-3
Q305	B-1
Q307	A-3
Q308	A-3
Q403	C-2
Q404	D-4
Q408	D-4
Q409	D-4
Q410	D-3
Q412	C-1

5-3. Printed Wiring Board – MAIN Board (Side B) – : **Uses unleaded solder.**

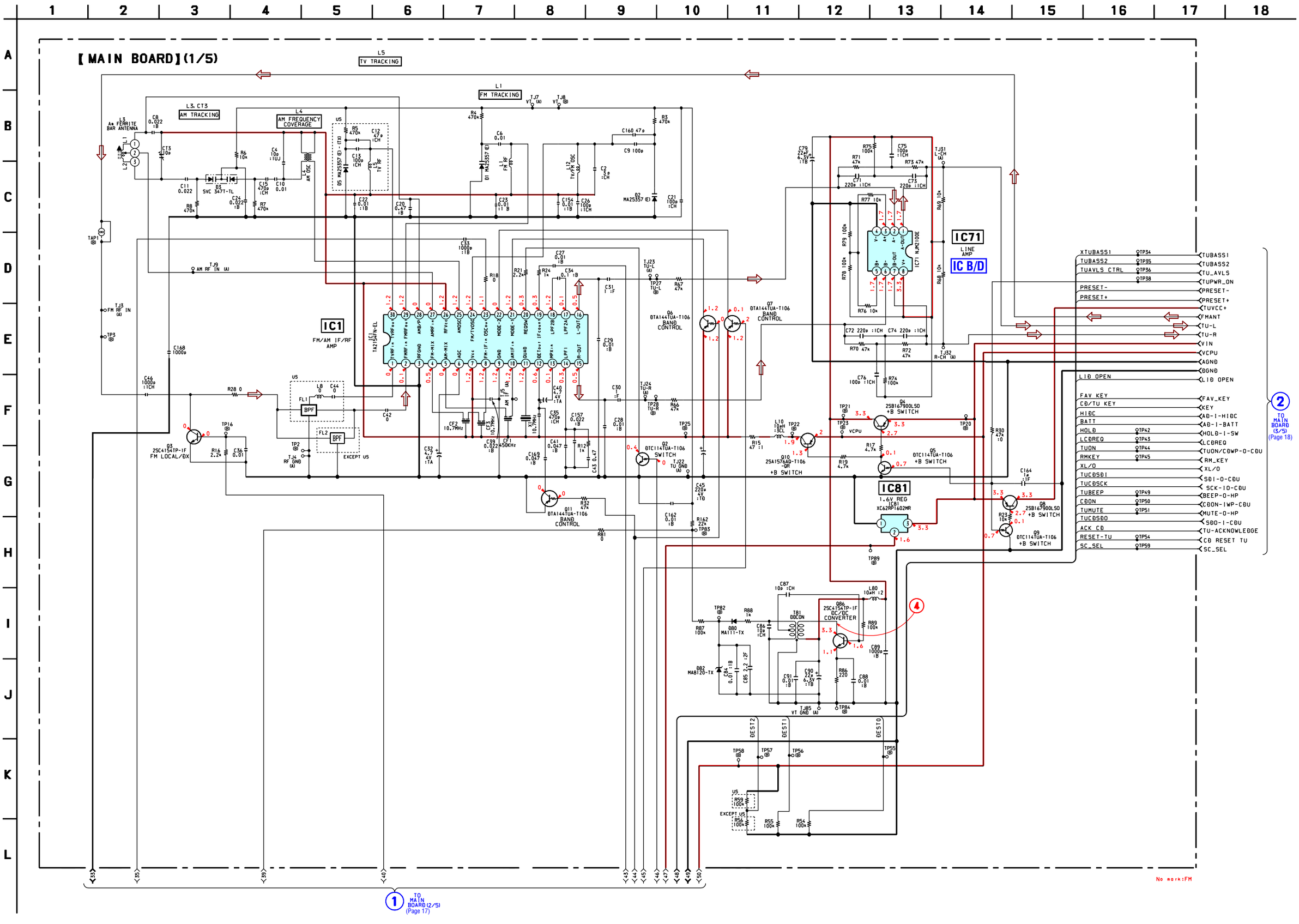


- **Semiconductor Location**

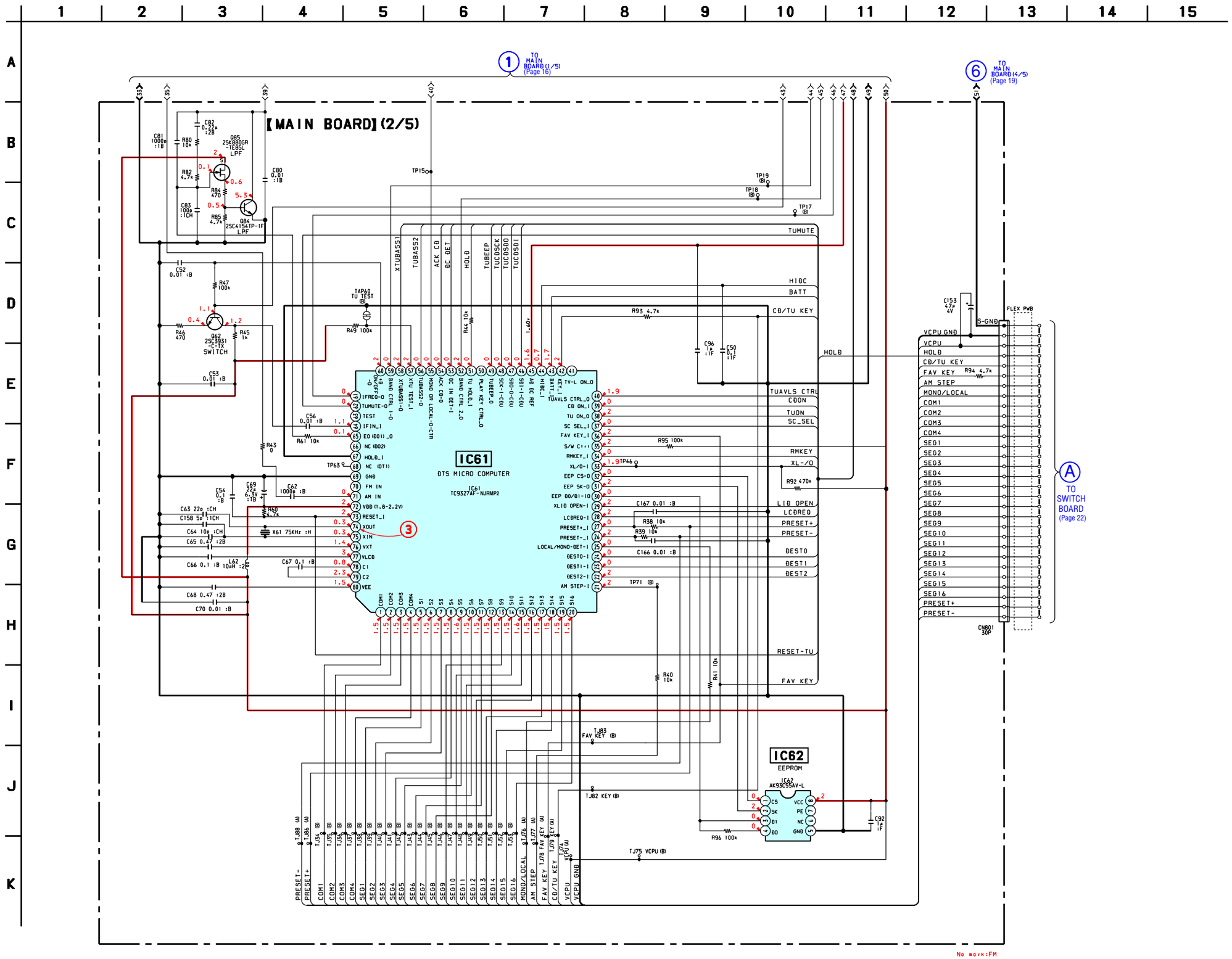
Ref. No.	Location
D1	C-1
D2	C-1
D5	C-1
D80	C-3
D82	C-3
D401	C-4
D404	C-4
D601	A-3
D602	B-3
IC1	C-2
IC61	A-1
IC71	B-2
IC302	B-4
IC303	A-2
IC304	C-4
IC401	D-2
IC404	D-2
IC601	A-3
IC602	A-3
IC801	C-3
Q2	C-2
Q4	B-2
Q5	B-2
Q6	C-2
Q7	C-2
Q8	B-2
Q9	B-2
Q11	C-2
Q62	B-2
Q85	B-2
Q86	D-3
Q304	B-3
Q306	B-4
Q405	D-1
Q601	B-3
Q808	B-2
Q809	C-2

5-4. Schematic Diagram – MAIN Board (1/5) –

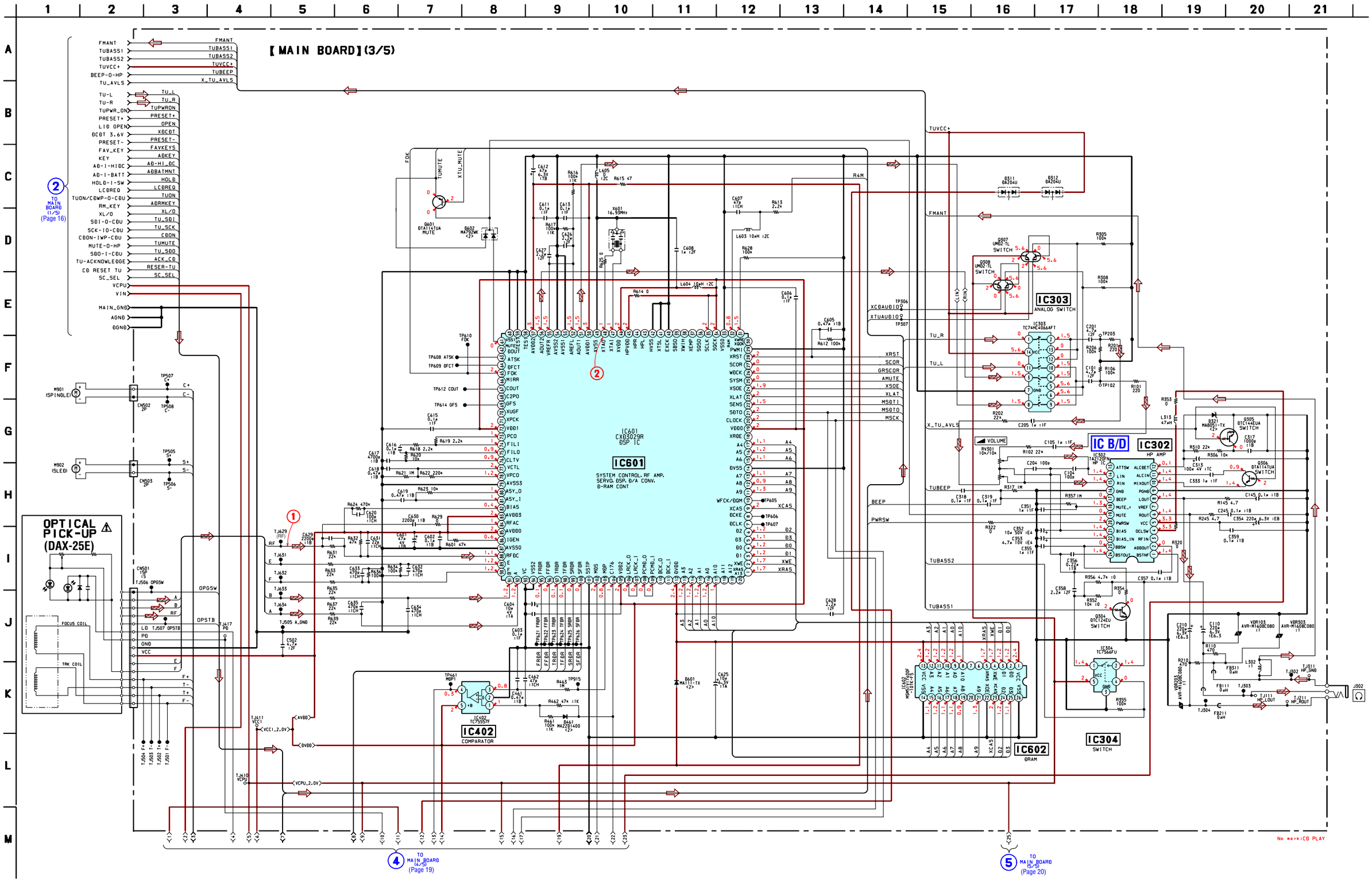
• See page 27 for IC Block Diagrams. • See page 11 for Waveforms.



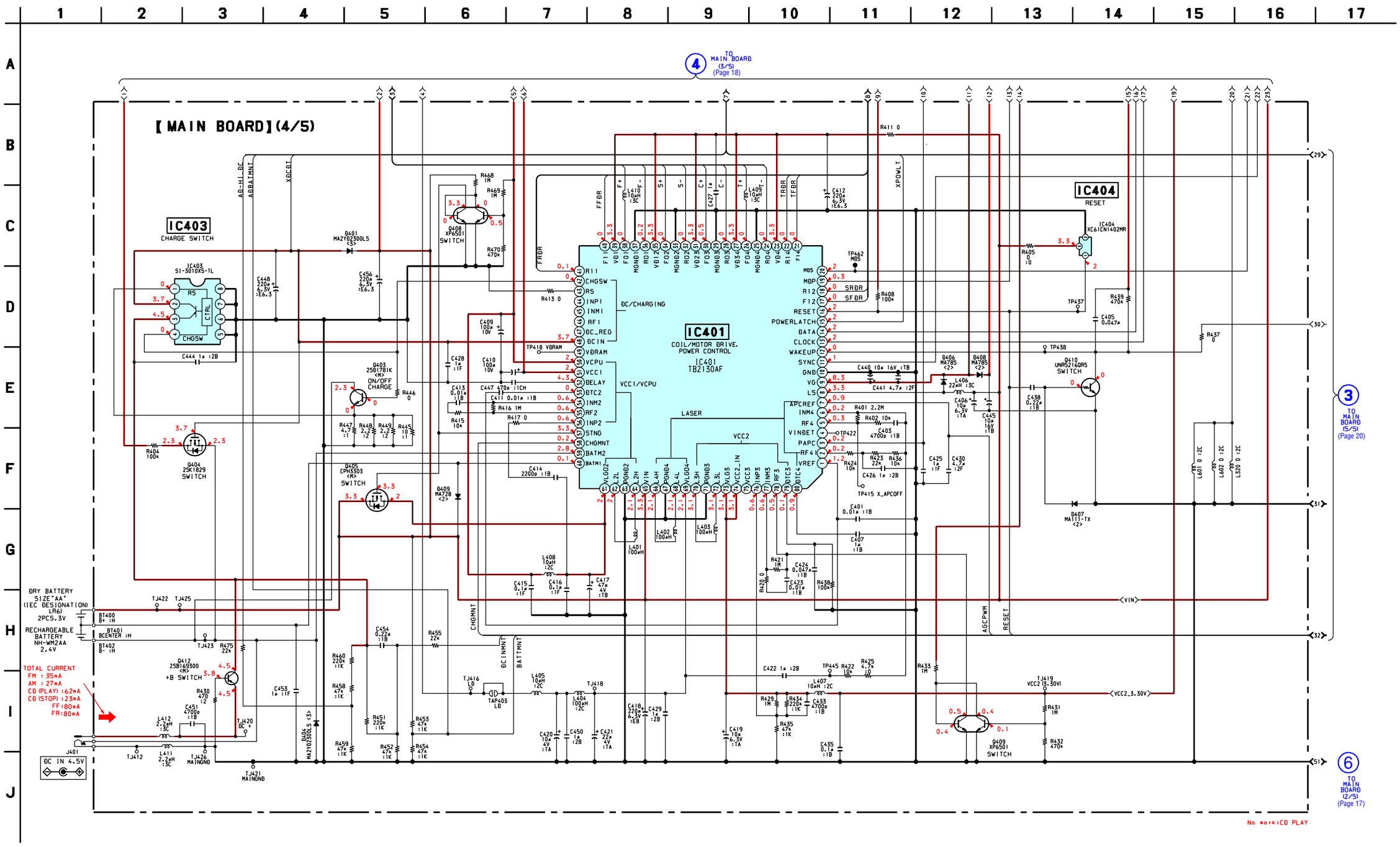
5-5. Schematic Diagram – MAIN Board (2/5) – • See page 25 for IC Pin Function Descriptions. • See page 11 for Waveforms.



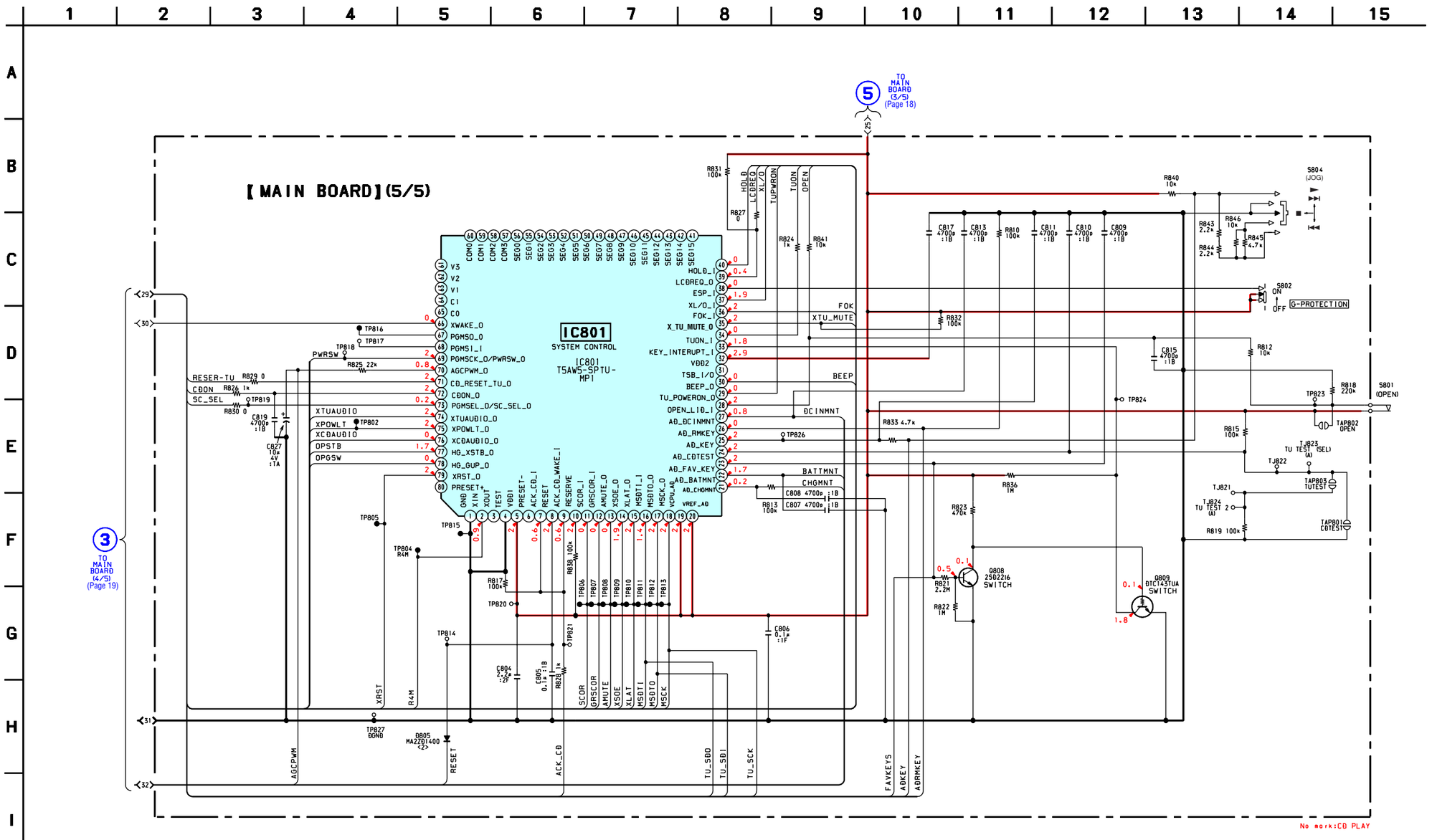
5-6. Schematic Diagram – MAIN Board (3/5) – • See page 27 for IC Block Diagrams. • See page 11 for Waveforms.



5-7. Schematic Diagram – MAIN Board (4/5) –

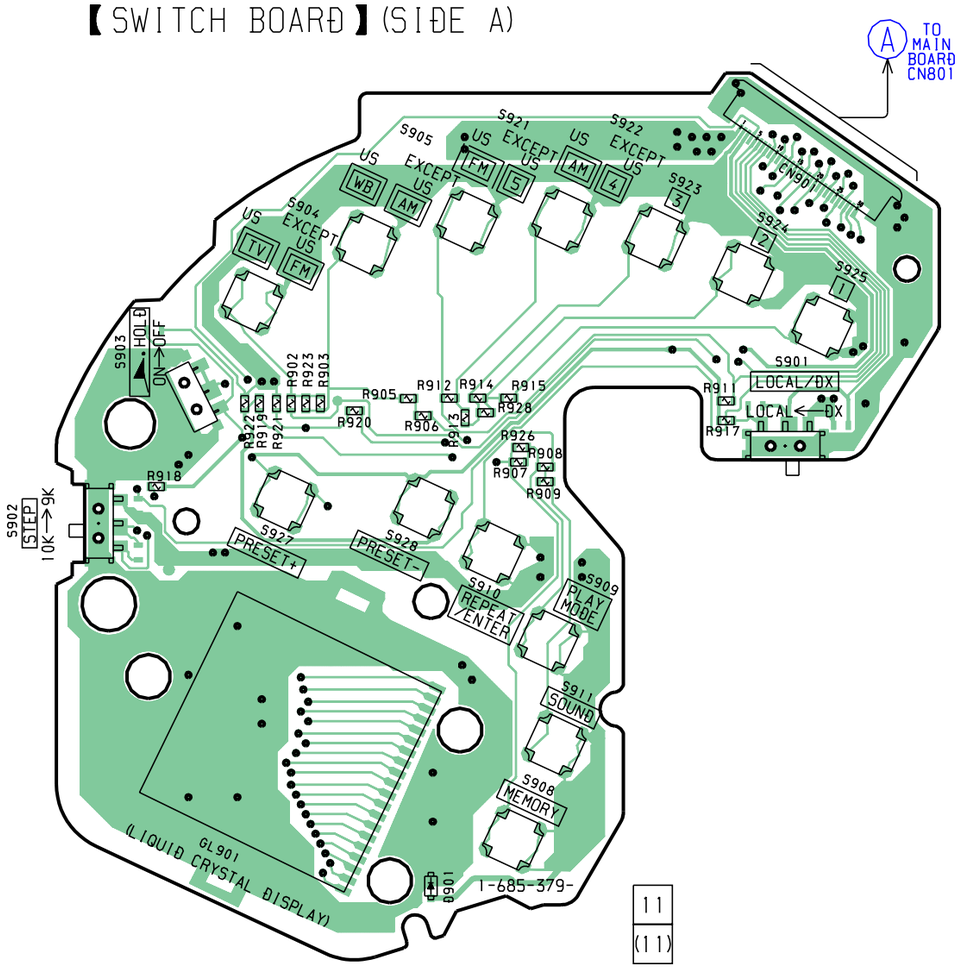


5-8. Schematic Diagram – MAIN Board (5/5) – • See page 23 for IC Pin Function Descriptions.

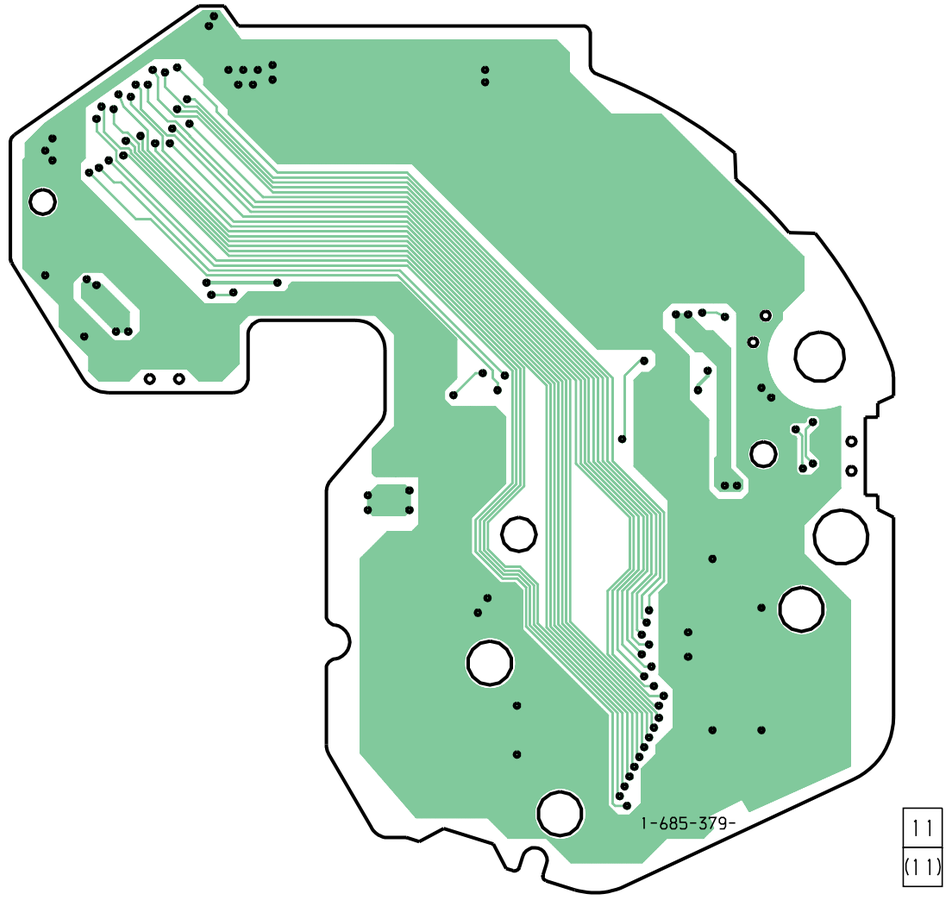


5-9. Printed Wiring Board – SWITCH Board – : Uses unleaded solder.

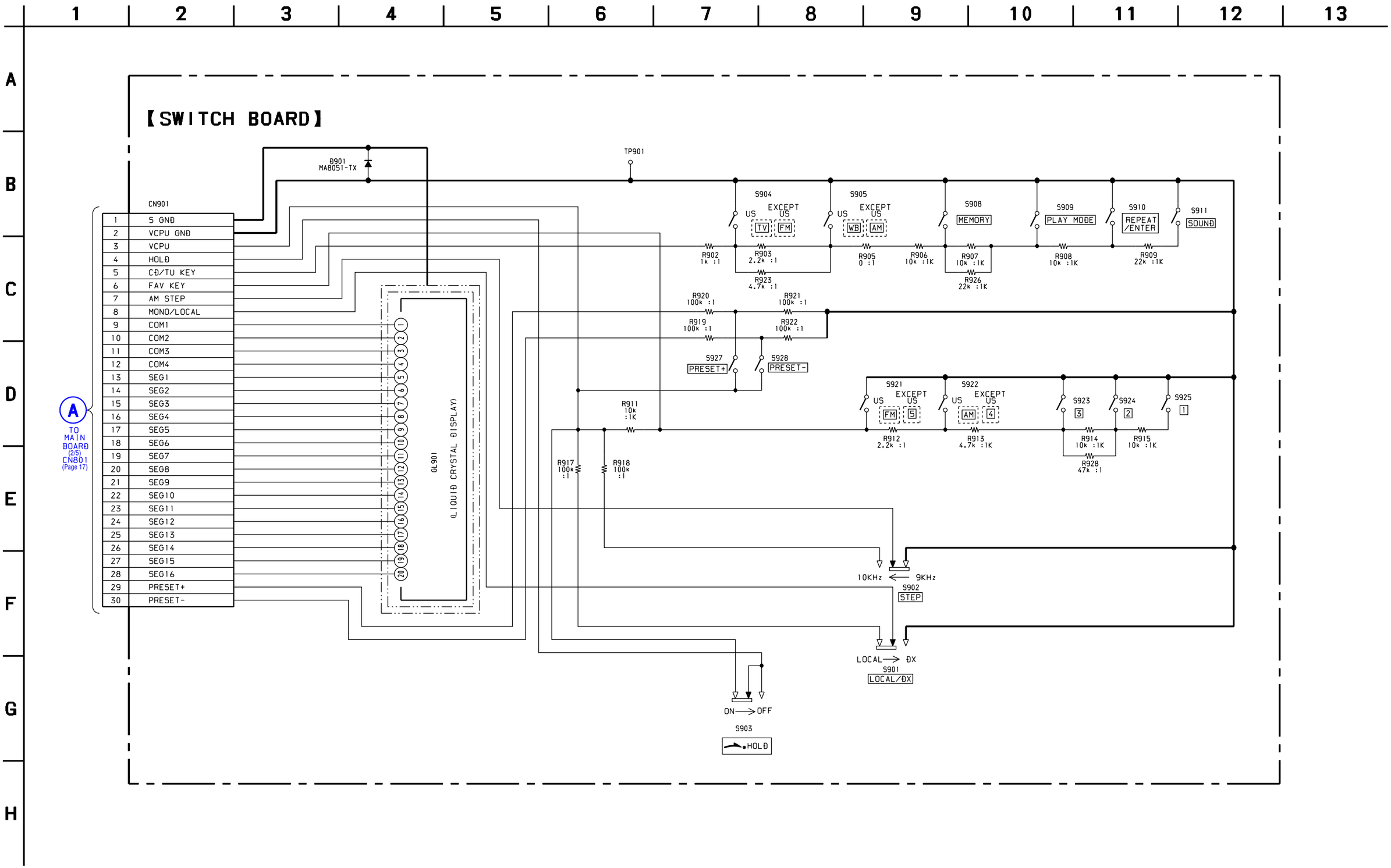
【SWITCH BOARD】(SIDE A)



【SWITCH BOARD】(SIDE B)



5-10. Schematic Diagram – SWITCH Board –



5-11. IC Pin Function Descriptions

• IC801 T5AW5-SPTU-MP1 System Controller (MAIN Board)

Pin No.	Pin Name	I/O	Description
1	GND	—	Ground (digital)
2	XIN	I	Clock input
3	XOUT	O	Clock output Not used (open)
4	TEST	I	Shipment test pin (connected to ground)
5	VDD1	—	Power supply (2.0V)
6	PRESET–	I	PRESET– signal input (not ured)
7	ACK_CD_I	I	Acknowledgement and status signal input from the DTS (IC61)
8	RESET	I	Reset signal input from the reset IC (IC404)
9	ACK_CD_WAKE_I	I	Wake up signal input from the DTS (IC61)
10	RESERVE	I	Selector for NJR TU or NJR SP TU (fixed at “H”)
11	SCOR_I	I	Sub-code sync detection signal input from the DSP (IC601)
12	GRSCOR_I	I	GRSCOR signal input from the DSP (IC601)
13	AMUTE_O	O	Muting control signal output to the DSP (IC601)
14	XSOE_O	O	Serial data output enable signal output to the DSP (IC601)
15	XLAT_O	O	Serial data latch signal output to DSP (IC601)
16	MSDTI_I	I	Serial data input from the DSP (IC601) and the DTS (IC61)
17	MSDTO_O	O	Serial data output to the DSP (IC601) and the DTS (IC61)
18	MSCK_O	O	Serial clock output to the DSP (IC601) and the DTS (IC61)
19	VCPU_AD	I	Reference voltage input terminal (high)
20	VREF_AD	I	Reference voltage input terminal
21	AD_CHGMNT	I	Battery charge voltage monitoring signal input from the IC401
22	AD_BATMNT	I	Battery voltage monitoring signal input
23	AF_FAV_KEY	I	Favorite key signal input
24	AD_CDTEST	I	CD test mode on signal input
25	AD_KEY	I	Key signal input
26	AD_RMKEY	I	Key signal input from the remote commander (fixed at “L”)
27	AD_DCINMNT	I	DC input voltage monitoring signal input
28	OPEN_LID_I	I	CD lid open/close detection signal input from the S801
29	TU_POWERON_O	O	Power control signal output to the DTS block
30	BEEP_O	O	Beep sound signal output to the headphone amplifier (IC302)
31	TSB_I/O	I/O	Not used (open)
32	VDD2	—	Power supply
33	KEY_INTERRUPT_I	I	Key input detection interrupt signal input during sleep mode
34	TUON_I	I	Radio mode status signal input
35	X_TU_MUTE_O	O	DTS muting disable signal output during CD playback
36	FOK_I	I	Focus OK signal input from the DSP (IC601)
37	XL/O_I	I	Line out jack detection signal input (fixed at “H”)
38	ESP_I	I	G-PROTECTION switch signal input from the S802
39	LCDREQ_O	O	Communication sync signal output to the DTS (IC61)
40	HOLD_I	I	HOLD switch signal input from the S903
41 to 56	SEG15 to SEG0	O	Not used (open)
57 to 60	COM3 to COM0	O	Not used (open)
61 to 63	V3 to V1	—	Not used (open)
64, 65	C1, C0	—	Not used (open)
66	XWAKE_O	O	Wake up signal output to the IC401
67	PGMSO_O	O	Not used (open)
68	PGMSI_I	I	Not used (open)
69	PGMSCK_O/ PWSWR_O	O	Headphone amplifier power control signal output
70	AGCPWM_O	O	AGC PWM signal output to the IC401

Pin No.	Pin Name	I/O	Description
71	CD_RESET_TU_O	O	Reset signal output to the DTS (IC61)
72	CDON_O	O	CD mode status signal output to the DTS (IC61)
73	PGMSEL_O/ SC_SEL_O	O	Serial communication selector between the DTS and the DSP signal output to the DTS (IC61)
74	XTUAUDIO_O	O	Tuner audio on signal output
75	XPOWLT_O	O	Power latch signal output to the IC401
76	XCDAUDIO_O	O	CD audio on signal output
77	HG_XSTB_O	O	Optical pickup standby control signal output to the optical pickup block
78	HG_GUP_O	O	Optical pickup gain up (for CD-RW) control signal output to the optical pickup block
79	XRST_O	O	Reset signal output to the DSP (IC601)
80	PRESET+	I	PRESET+ signal input (not ured)

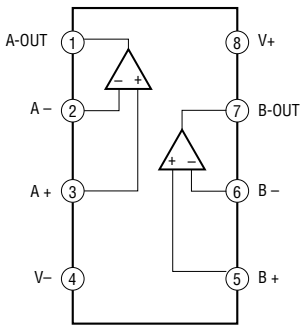
• IC61 TC9327AF-NJRMP2 RF AMP, SERVO, DSP, D/A CONV, D-RAM CONT (MAIN Board)

Pin No.	Pin Name	I/O	Description
1 to 4	COM1 to COM4	O	LCD drivers
5 to 20	S1 to S16	O	LCD drivers
21	AM STEP-I	I	AM 9K/10K tuning step select (initialisation) signal input
22	DEST2-I	I	Bit 2 Tu Destination setting input
23	DEST1-I	I	Bit 1 Tu Destination setting input
24	DEST0-I	I	Bit 0 Tu Destination setting input
25	LOCAL/ MONO-DET-I	I	Local/DX or Mono/Stereo ON-Off switch detection signal input
26	PRESET–_I	I	PRESET– signal input from the S928
27	PRESET+_I	I	PRESET+ signal input from the S927
28	LCDREQ-I	I	LCD display request signal from the IC801
29	XLID OPEN-I	I	CD lid open/close detection signal input from the S801
30	EEP DO/DI-IO	I/O	Data input/output for EEPROM
31	EEP SK-O	O	Clock output for EEPROM 2K bits (software timing)
32	EEP CS-O	O	Chip select signal output for EEPROM
33	XL/O-I	I	Line out jack detection signal input (fixed at “H”)
34	RMKEY_I	I	Key signal input from the remote commander
35	NC	O	Not used
36	FAV KEY_I	I	Favorite key signal input
37	SC SEL_I	I	Serial communication selector signal input from the IC801
38	TU ON_O	O	Radio mode status signal output to the IC801
39	CD ON_I	I	CD ON request signal input from the IC801 (Wakeup TU in sleep mode)
40	TUAVLS CTRL_O	O	AVLS control signal output
41	TV-L ON_O	O	TV-L (ch 2, 3 and 4) selection switch control signal output (not ured)
42	KEY_I	I	Key signal input from the function keys
43	BATT_I	I	Battery voltage detection signal input (external DC 1.6V as reference)
44	HIDC_I	I	HiDC voltage detection signal input
45	AD DC REF	—	DC reference of A/D converter (used for HiDC and batt detection with external DC 1.6V as reference)
46	SDI-I-CDU	I	Serial data input from the IC801
47	SDO-O-CDU	O	Serial data output to the IC801
48	SCK-I-CDU	I	Serial clock input from the IC801
49	TUBEEP_O	O	Beep sound signal output to the headphone amplifier
50	PLAY KEY CTRL_O	O	Play key detection control signal output for CD mode (not ured)
51	TU HOLD_I	I	HOLD switch detection signal input from the S903
52	BAND CTRL 2_O	O	BAND CONTROL 2 signal output
53	DC IN DET-I	I	DC-in detection signal input
54	ACK CD-O	O	CD acknowledgement and status signal output to the IC801
55	MONO OR LOCAL-O-CTR	O	Local/DX or Mono/Stereo ON-Off control signal output
56	TUBASS2-O	O	Mega Bass 2 (sound mode) control signal output
57	XTU TEST_I	I	TU test mode detection signal input (“L” : active)
58	XTUBASS1-O	O	Mega Bass 1 (sound mode) control signal output
59	BAND CTRL 1_O	O	BAND CONTROL 1 signal output
60	+B ON/OFF-O	O	Radio power On/Off control signal output (VCO and IF amplifier block)
61	IFREQ-O	O	IF request signal output
62	TUMUTE-O	O	Tuner muting control signal output
63	TEST	—	Not used (open)
64	IFIN_I	I	TV/WB/FM/AM IF signal input
65	EO(DO1)_O	O	PLL error signal output
66	NC(DO2)	—	Not used (open)

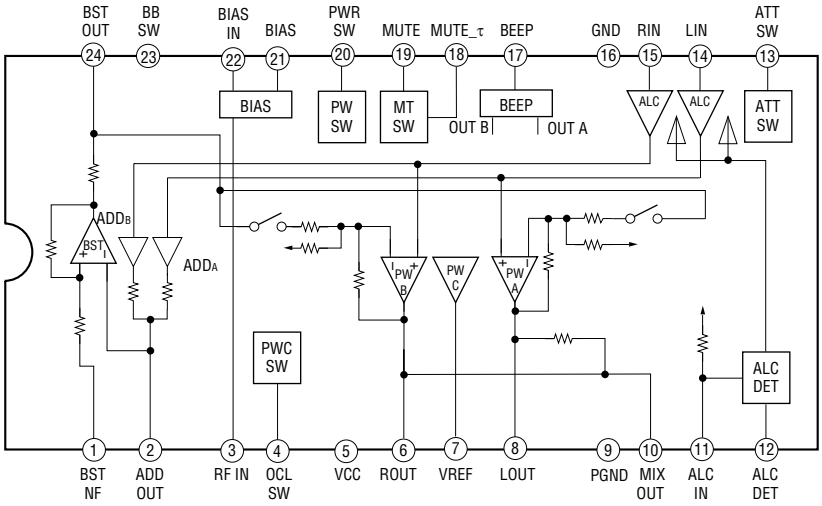
Pin No.	Pin Name	I/O	Description
67	HOLD_I	I	Not used (connected to ground)
68	NC (OT1)	O	Not used (open)
69	GND	—	Ground
70	FM IN	I	Not used (open)
71	AM IN	I	TV/WB/FM/AM OSC signal input
72	VDD(1.8-2.2V)	—	VDD power supply
73	RESET_I	I	Reset signal input from the IC801
74	XOUT	O	Crystal oscillator terminal
75	XIN	I	Crystal oscillator terminal
76	VXT	—	Crystal oscillator terminal
77	VLCD	—	LCD voltage doubler
78	C1	—	LCD voltage doubler
79	C2	—	LCD voltage doubler
80	VEE	—	Constant voltage for LCD 1.55V

5-12. IC Block Diagrams

IC71 NJM2100E



IC302 TA2120FN



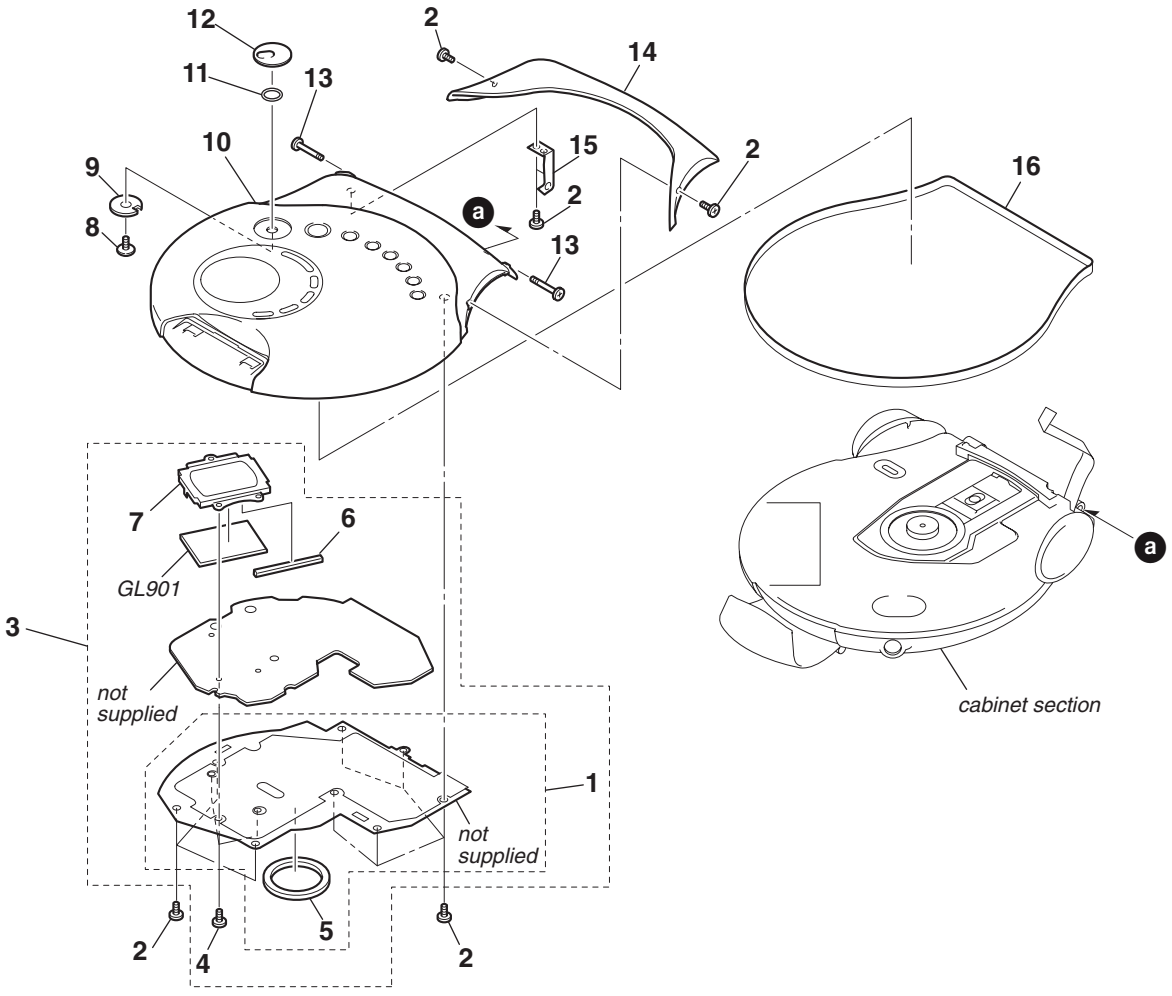
SECTION 6
EXPLODED VIEWS

NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of this parts list.

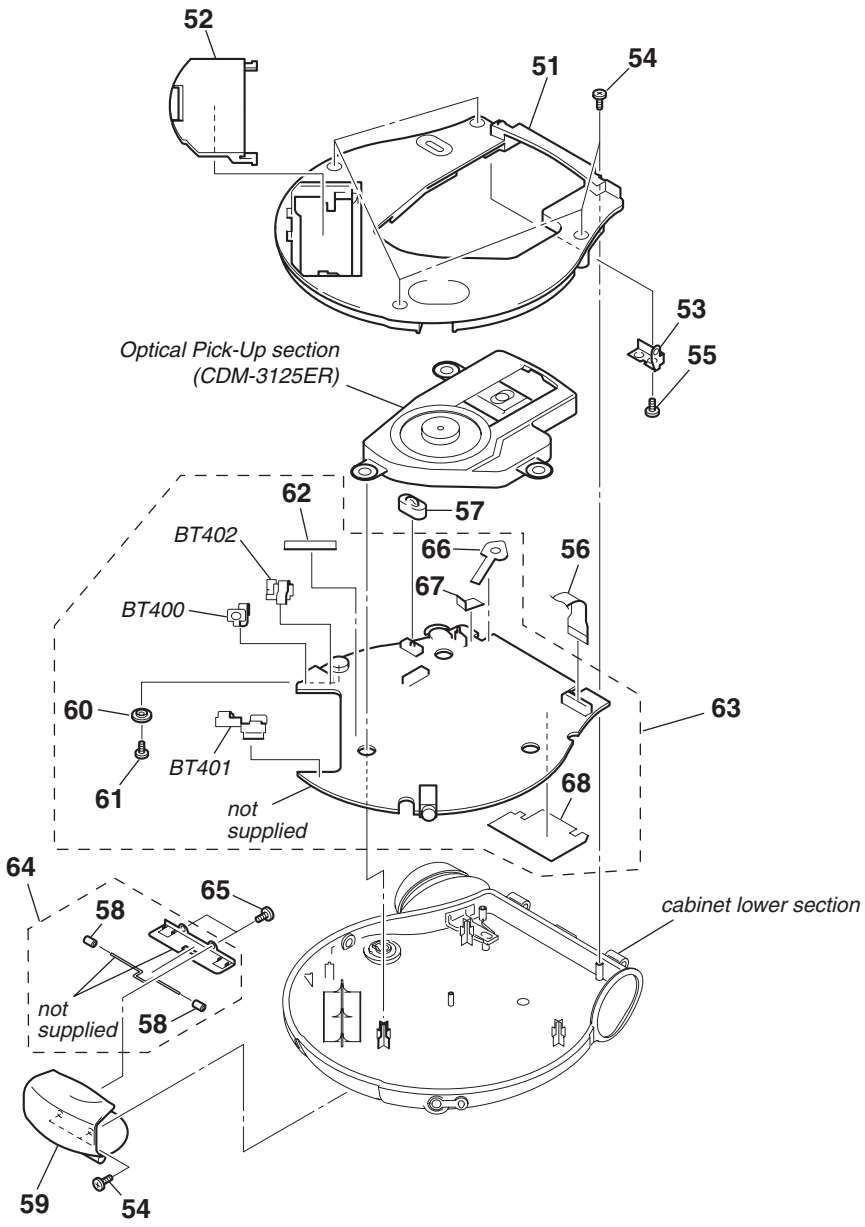
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. Upper Lid Section



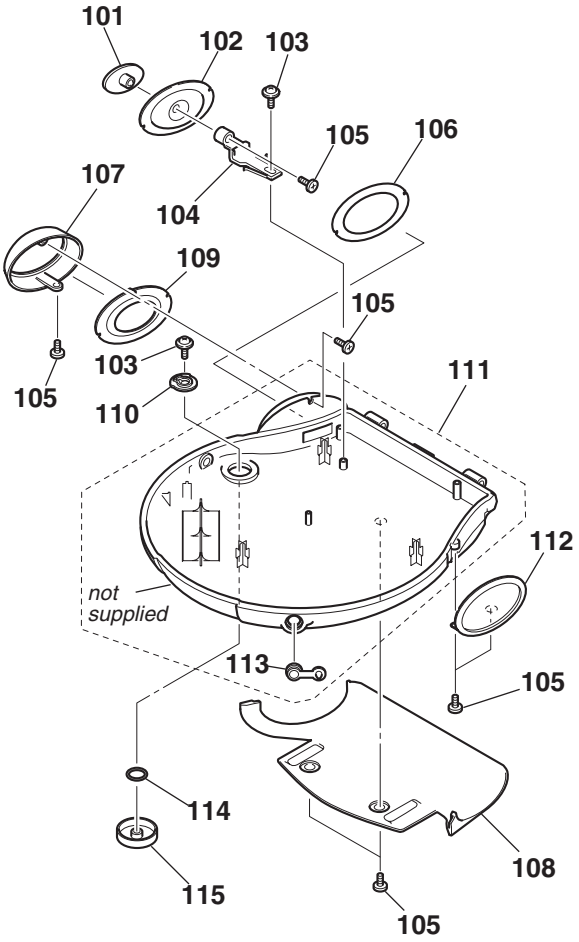
Ref. No.	Part No.	Description	Remarks
1	X-3382-543-1	COVER (SVX) ASSY, LID	
2	3-343-254-31	SCREW (B1.7X3), TAPPING	
* 3	A-3178-670-A	SWITCH BOARD, COMPLETE	
4	3-338-687-21	SCREW (M1.4X2), TAPPING	
5	3-238-012-01	RING, UPPER LID	
6	3-245-012-01	RUBBER,CONNECTOR	
7	3-243-360-01	HOLDER (LCD)	
8	3-318-201-51	SCREW (B) (1.4X4), TAPPING	
9	3-238-008-01	LEVER, HOLD	
10	X-3382-540-1	LID (SVX) ASSY, UPPER (US)	
10	X-3382-542-1	LID (SVX) ASSY, UPPER (CND)	
11	3-221-329-01	RING, O	
12	3-238-021-01	KNOB, HOLD	
13	3-238-478-01	SCREW, TAPPING	
14	3-238-004-01	GRIP	
15	3-238-013-01	ARM, A	
16	3-238-025-01	PACKING (UPPER LID)	
GL901	1-804-638-11	LCD	

6-2. Cabinet Section



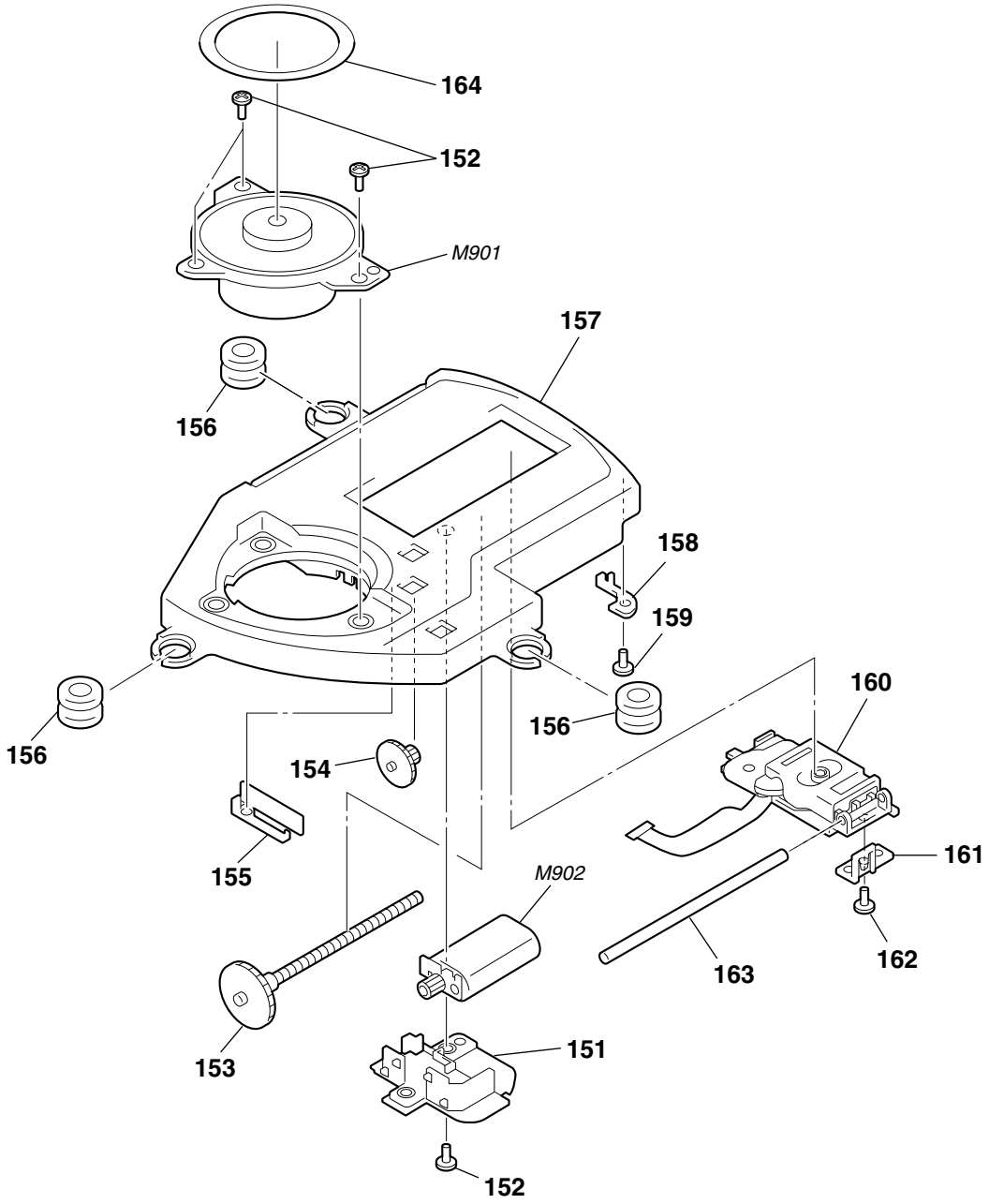
Ref. No.	Part No.	Description	Remarks
51	3-237-999-01	CABINET, MIDDLE	
52	3-238-001-01	LID, BATTERY	
53	3-238-014-01	ARM, B	
54	4-908-792-51	SCREW (B2)	
55	3-343-254-31	SCREW (B1.7X3), TAPPING	
56	1-685-380-11	PWB, FLEXIBLE	
57	4-223-609-01	KNOB (JOGGABLE)	
58	4-225-316-01	ROLLER	
59	X-3381-669-1	BUCKLE SUB ASSY	
60	3-221-309-01	LEVER (VOL) (A)	
61	4-223-413-01	SCREW (M1.4X3)	
62	3-577-414-01	SPACER	
* 63	A-3178-669-A	MAIN BOARD, COMPLETE (US)	
* 63	A-3178-676-A	MAIN BOARD, COMPLETE (CND)	
64	X-3381-670-1	BRACKET ROLLER ASSY	
65	3-338-687-21	SCREW (M1.4X2), TAPPING	
66	3-245-532-01	COPPER SHEET	
67	3-245-576-01	SHEET, INSULATING (PWB)	
68	3-245-910-01	COPPER SHEET (B)	
BT400	3-238-476-01	TERMINAL, BATTERY (+)	
BT401	3-238-477-01	TERMINAL, BATTERY LINK	
BT402	3-221-307-01	TERMINAL BOARD (-), BATTERY	

6-3. Cabinet Lower Section



Ref. No.	Part No.	Description	Remarks
101	3-238-023-01	BUTTON, JOG	
102	3-238-017-01	RUBBER, SHIELD	
103	3-318-201-51	SCREW (B) (1.4X4), TAPPING	
104	3-238-016-01	JOG, ACTUATOR	
105	4-908-792-31	SCREW (B2)	
106	3-238-010-01	SHEET, ADHESIVE	
107	3-238-019-01	PLATE (JOG)	
108	3-238-002-01	STRAP, BRACKET	
109	3-238-020-11	PLATE (JOG)	
110	3-221-310-01	LEVER (VOL) (B)	
111	X-3381-668-1	CABINET LOWER SUB ASSY	
112	3-238-015-01	PLATE, ORNAMENTAL	
113	3-221-311-11	PACKING (H/P)	
114	3-221-329-01	RING, O	
115	3-238-007-01	KNOB, VOLUME	

6-4. Optical Pick-up Section (CDM-3125ER)



Ref. No.	Part No.	Description	Remarks
151	4-218-821-01	COVER, GEAR	
152	3-318-203-71	SCREW (B1.7X5), TAPPING	
153	A-3052-902-A	FEED ASSY, SCREW	
154	4-218-823-01	GEAR (B)	
155	4-218-825-01	SPRING, SLED	
156	4-222-765-01	INSULATOR	
157	3-235-420-01	CHASSIS	
158	4-218-827-01	RETAINER, SHAFT	
159	3-686-458-03	SCREW (P1.4X3.5), TAPPING	
⚠160	X-3380-950-1	OPTICAL PICK-UP (DAX-25E)	
161	3-235-418-01	RACK	
162	3-348-998-81	SCREW (M1.4)	
163	4-220-645-01	SHAFT, STANDARD	
164	3-243-233-01	SPACER, CDM	
M901	A-3052-904-A	MOTOR ASSY, TURN TABLE (SPINDLE)	
M902	A-3328-627-A	MOTOR ASSY, SLED (SLED)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN

SECTION 7
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...
- CAPACITORS:
  uF: µF
- COILS
  uH: µH
- Abbreviation
  CND : Canadian model
  US : US model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

Ref. No.	Part No.	Description				Remarks
*	A-3178-669-A	MAIN BOARD, COMPLETE (US)				
*	A-3178-676-A	MAIN BOARD, COMPLETE (CND)				
		**********				
		< BATTERY TERMINAL >				
BT400	3-238-476-01	TERMINAL, BATTERY (+)				
BT401	3-238-477-01	TERMINAL, BATTERY LINK				
BT402	3-221-307-01	TERMINAL BOARD (-), BATTERY				
		< CAPACITOR >				
C2	1-162-908-11	CERAMIC CHIP	3PF	0.25PF	50V	
C4	1-162-997-11	CERAMIC CHIP	10PF	0.5PF	50V	
C6	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C8	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C9	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C10	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C11	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C12	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	(US)
C13	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(US)
C15	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V	
C20	1-125-891-11	CERAMIC CHIP	0.47uF	10.00%	10V	
C21	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C22	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C23	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C24	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C26	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C27	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C28	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C29	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C30	1-115-156-11	CERAMIC CHIP	1uF		10V	
C31	1-115-156-11	CERAMIC CHIP	1uF		10V	
C32	1-135-151-21	TANTALUM CHIP	4.7uF	20%	4V	
C33	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C34	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	
C35	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V	
C36	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C39	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V	
C40	1-109-935-11	TANTAL. CHIP	4.7uF	20.00%	4V	
C41	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V	
C42	1-216-864-11	METAL CHIP	0	5%	1/16W	
C43	1-117-863-11	CERAMIC CHIP	0.47uF	10.00%	6.3V	
C44	1-216-864-11	METAL CHIP	0	5%	1/16W	(US)
C45	1-113-690-11	ELECT CHIP	220uF	20.00%	4V	
C46	1-115-416-11	CERAMIC CHIP	0.001uF	5.00%	25V	
C50	1-164-156-11	CERAMIC CHIP	0.1uF		25V	
C52	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C53	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C54	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	
C56	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C62	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C63	1-162-919-11	CERAMIC CHIP	22PF	5%	50V	
C64	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V	
C65	1-107-823-11	CERAMIC CHIP	0.47uF	10.00%	16V	
C66	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	6V	
C67	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	
C68	1-107-823-11	CERAMIC CHIP	0.47uF	10.00%	16V	
C69	1-104-852-11	TANTAL. CHIP	22uF	20.00%	6.3V	
C70	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C71	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V	
C72	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V	
C73	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V	
C74	1-164-230-11	CERAMIC CHIP	220PF	5.00%	50V	
C75	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C76	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C79	1-104-852-11	TANTAL. CHIP	22uF	20.00%	6.3V	
C80	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C81	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C82	1-164-489-11	CERAMIC CHIP	0.22uF	10.00%	16V	
C83	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C84	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C85	1-164-505-11	CERAMIC CHIP	2.2uF		16V	
C86	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V	
C87	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V	
C88	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C89	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C90	1-104-852-11	TANTAL. CHIP	22uF	20.00%	6.3V	
C91	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C92	1-115-156-11	CERAMIC CHIP	1uF		10V	
C96	1-115-156-11	CERAMIC CHIP	1uF		10V	
C101	1-117-720-11	CERAMIC CHIP	4.7uF		10V	
C104	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	
C105	1-115-156-11	CERAMIC CHIP	1uF		10V	
C110	1-124-635-00	ELECT	220uF	20.00%	6.3V	
C145	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	
C153	1-110-569-21	TANTAL. CHIP	47uF	20.00%	4V	

Ref. No.	Part No.	Description			Remarks
C154	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C157	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C158	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C160	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C162	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C164	1-115-156-11	CERAMIC CHIP	1uF		10V
C166	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C167	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C168	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C169	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C201	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C204	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C205	1-115-156-11	CERAMIC CHIP	1uF		10V
C210	1-124-635-00	ELECT	220uF	20.00%	6.3V
C245	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C302	1-216-864-11	METAL CHIP	0	5%	1/16W
C313	1-128-705-11	ELECT	100uF		6.3V
C317	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C318	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C319	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C333	1-115-156-11	CERAMIC CHIP	1uF		10V
C351	1-115-156-11	CERAMIC CHIP	1uF		10V
C352	1-124-261-00	ELECT	10uF	20%	50V
C353	1-135-210-11	TANTALUM CHIP	4.7uF	20%	10V
C354	1-126-369-11	ELECT	220uF	20%	6.3V
C355	1-115-156-11	CERAMIC CHIP	1uF		10V
C356	1-115-467-11	CERAMIC CHIP	0.22uF	10.00%	10V
C357	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C358	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C359	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C401	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C403	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C405	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C406	1-135-259-11	TANTAL. CHIP	10uF	20.00%	6.3V
C407	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V
C409	1-124-584-00	ELECT	100uF	20%	10V
C410	1-124-584-00	ELECT	100uF	20%	10V
C411	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C412	1-124-635-00	ELECT	220uF	20.00%	6.3V
C413	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C414	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C415	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C416	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C417	1-110-569-21	TANTAL. CHIP	47uF	20.00%	4V
C418	1-126-369-11	ELECT	220uF	20%	6.3V
C419	1-135-259-11	TANTAL. CHIP	10uF	20.00%	6.3V
C420	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C421	1-104-847-11	TANTAL. CHIP	22uF	20.00%	4V
C422	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C423	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C424	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C425	1-115-156-11	CERAMIC CHIP	1uF		10V
C426	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C427	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C428	1-115-156-11	CERAMIC CHIP	1uF		10V
C429	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C430	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C433	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C435	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C438	1-115-467-11	CERAMIC CHIP	0.22uF	10.00%	10V
C440	1-104-913-11	TANTAL. CHIP	10uF	20.00%	16V
C441	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C444	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C445	1-104-913-11	TANTAL. CHIP	10uF	20.00%	16V
C447	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V
C448	1-124-635-00	ELECT	220uF	20.00%	6.3V
C450	1-109-982-11	CERAMIC CHIP	1uF	10.00%	10V
C451	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C453	1-115-156-11	CERAMIC CHIP	1uF		10V
C454	1-115-467-11	CERAMIC CHIP	0.22uF	10.00%	10V
C456	1-124-635-00	ELECT	220uF	20.00%	6.3V
C461	1-125-891-11	CERAMIC CHIP	0.47uF	10.00%	10V
C462	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C502	1-117-720-11	CERAMIC CHIP	4.7uF		10V
C601	1-110-569-21	TANTAL. CHIP	47uF	20.00%	4V
C602	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C603	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C604	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C605	1-125-891-11	CERAMIC CHIP	0.47uF	10.00%	10V
C606	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C607	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C608	1-164-346-11	CERAMIC CHIP	1uF		16V
C611	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C612	1-110-569-11	TANTAL. CHIP	47uF	20.00%	6.3V
C613	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C615	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C616	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C617	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C618	1-125-891-11	CERAMIC CHIP	0.47uF	10.00%	10V
C619	1-125-891-11	CERAMIC CHIP	0.47uF	10.00%	10V
C620	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C625	1-135-259-11	TANTAL. CHIP	10uF	20.00%	6.3V
C626	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C627	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C628	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C629	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C630	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C631	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C632	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V
C633	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V
C634	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V
C635	1-164-315-11	CERAMIC CHIP	470PF	5.00%	50V
C804	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C805	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V
C806	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C807	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C808	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C809	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C810	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C811	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C813	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C815	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C817	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C819	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C827	1-135-201-11	TANTALUM CHIP	10uF	20%	4V

MAIN

Ref. No.	Part No.	Description	Remarks
		< FILTER >	
CF1	1-767-480-11	FILTER, CERAMIC (AM)	
CF2	1-767-313-11	FILTER, CERAMIC	
CF3	1-767-313-11	FILTER, CERAMIC	
		< CONNECTOR >	
CN501	1-816-419-21	CONNECTOR	
CN502	1-784-342-11	HOUSING, CONNECTOR 2P	
CN503	1-784-342-21	HOUSING, CONNECTOR 2P	
CN801	1-779-339-21	CONNECTOR, FFC/FPC 30P	
		< TRIMMER >	
CT3	1-141-373-11	CAP, TRIMMER 10PF (AM)	
		< DIODE >	
D1	8-719-080-77	DIODE MA2S357(E)-(TX).SO	
D2	8-719-080-77	DIODE MA2S357(E)-(TX).SO	
D3	8-759-072-60	DIODE SVC347T-TL	
D5	8-719-080-77	DIODE MA2S357(E)-(TX).SO (US)	
D80	8-719-404-50	DIODE MA111-TX	
D82	8-719-158-49	DIODE MA8120-TX	
D311	8-719-941-23	DIODE DA204UT106	
D312	8-719-941-23	DIODE DA204UT106	
D321	8-719-422-37	DIODE MA8051-TX	
D401	8-719-085-43	DIODE MA2YD2300LS0	
D404	8-719-085-43	DIODE MA2YD2300LS0	
D406	8-719-071-87	DIODE MA785-(TX),SO	
D407	8-719-404-50	DIODE MA111-TX	
D408	8-719-071-87	DIODE MA785-(TX),SO	
D409	8-719-421-27	DIODE MA728-TX	
D461	8-719-072-70	DIODE MA2ZD14001S0	
D601	8-719-404-50	DIODE MA111-TX	
D602	8-719-044-74	DIODE MA792WK-TX	
D805	8-719-072-70	DIODE MA2ZD14001S0	
		< FERRITE BEAD >	
FB111	1-414-813-11	FERRITE 0UH	
FB211	1-414-813-11	FERRITE 0UH	
FB311	1-414-813-11	FERRITE 0UH	
		< FILTER >	
FL1	1-234-746-21	FILTER, BAND PASS (US)	
FL2	1-239-108-11	FILTER, BAND PASS (CND)	
		< IC >	
IC1	6-701-310-01	IC TA2154FN(EL)	
IC61	6-801-310-01	IC TC9327AF-NJRMP2	
IC62	8-759-449-23	IC AK93C55AV-L	
IC71	8-759-293-74	IC NJM2100E-T1	
IC81	8-759-457-70	IC XC62RP1602MR	
IC302	8-759-681-65	IC TA2120FN(EL)	
IC303	8-759-523-03	IC TC74HC4066AFT(EL)	
IC304	8-759-082-60	IC TC7S66FU-TE85L	
IC401	6-702-261-01	IC TB2130AF	
IC402	8-759-594-55	IC TC75S57F(TE85R)	
IC403	6-701-712-01	IC SI-3010XS-TL	
IC404	8-759-827-34	IC XC61CN1402MR	

Ref. No.	Part No.	Description	Remarks
IC601	8-752-410-68	IC CXD3029R	
IC602	6-700-195-01	IC MSM51V17400F-10TK-FS	
IC801	6-802-126-01	IC T5AW5-SPTU-MP1	
		< JACK >	
J302	1-778-224-31	JACK (SMALL TYPE) (WATERPROOF) (🎧)	
J401	1-778-153-21	JACK,DC (POLARITY UNIFIED TYPE) (DC IN 4.5V)	
		< COIL >	
L1	1-428-917-21	COIL, FM RF	
L3	1-428-921-11	COIL, FERRITE-ROD ANTENNA	
L4	1-406-404-11	COIL (MW OSCILATION)	
L5	1-428-918-21	COIL, TV RF (US)	
L8	1-216-864-11	METAL CHIP 0 5% 1/16W (US)	
L10	1-414-410-21	INDUCTOR 10uH	
L12	1-428-918-21	COIL, TV RF	
L62	1-412-006-31	INDUCTOR 10uH	
L80	1-412-006-31	INDUCTOR 10uH	
L313	1-469-527-91	INDUCTOR 47uH	
L320	1-216-295-91	SHORT CHIP 0	
L401	1-419-188-41	INDUCTOR 100uH	
L402	1-414-434-11	INDUCTOR 100uH	
L403	1-414-404-41	INDUCTOR 100uH	
L404	1-414-757-11	INDUCTOR 100uH	
L405	1-414-754-11	INDUCTOR 10uH	
L406	1-414-400-41	INDUCTOR 22uH	
L407	1-414-754-11	INDUCTOR 10uH	
L408	1-414-754-11	INDUCTOR 10uH	
L409	1-414-398-11	INDUCTOR 10uH	
L410	1-414-398-11	INDUCTOR 10uH	
L411	1-414-394-11	INDUCTOR 2.2uH	
L412	1-414-394-11	INDUCTOR 2.2uH	
L601	1-216-295-91	SHORT CHIP 0	
L602	1-216-295-91	SHORT CHIP 0	
L603	1-414-754-11	INDUCTOR 10uH	
L604	1-414-754-11	INDUCTOR 10uH	
L605	1-216-295-91	SHORT CHIP 0	
		< TRANSISTOR >	
Q2	8-729-028-97	TRANSISTOR DTC114TUA-T106	
Q3	8-729-602-21	TRANSISTOR 2SC4154TP-1F	
Q4	8-729-054-79	TRANSISTOR 2SB167900LSO	
Q5	8-729-028-97	TRANSISTOR DTC114TUA-T106	
Q6	8-729-028-92	TRANSISTOR DTA144TUA-T106	
Q7	8-729-028-92	TRANSISTOR DTA144TUA-T106	
Q8	8-729-054-79	TRANSISTOR 2SB167900LSO	
Q9	8-729-028-97	TRANSISTOR DTC114TUA-T106	
Q10	8-729-026-53	TRANSISTOR 2SA1576A-T106-QR	
Q11	8-729-029-15	TRANSISTOR DTC144TUA-T106	
Q62	8-729-423-52	TRANSISTOR 2SC3931-C-TX	
Q84	8-729-602-21	TRANSISTOR 2SC4154TP-1F	
Q85	8-729-053-44	TRANSISTOR 2SK880GR-TE85L	
Q86	8-729-602-21	TRANSISTOR 2SC4154TP-1F	
Q304	8-729-029-06	TRANSISTOR DTC124EUA-T106	
Q305	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q306	8-729-028-74	TRANSISTOR DTA114TUA-T106	

Ref. No.	Part No.	Description			Remarks
Q307	8-729-930-00	TRANSISTOR	UMD2-TL		
Q308	8-729-930-00	TRANSISTOR	UMD2-TL		
Q403	8-729-921-73	TRANSISTOR	2SD1781K-T146-QR		
Q404	8-729-028-26	TRANSISTOR	2SK1829(TE85L)		
Q405	8-729-047-36	TRANSISTOR	CPH3303-TL		
Q408	8-729-427-83	TRANSISTOR	XP6501-(TX).SO		
Q409	8-729-427-83	TRANSISTOR	XP6501-(TX).SO		
Q410	8-729-421-26	TRANSISTOR	UN5216QRS-TX		
Q412	6-550-071-01	TRANSISTOR	2SB169300LSO		
Q601	8-729-028-74	TRANSISTOR	DTA114TUA-T106		
Q808	8-729-037-52	TRANSISTOR	2SD2216J-QR(K8).SO		
Q809	8-729-029-10	TRANSISTOR	DTC143TUA-T106		
		< RESISTOR >			
R3	1-216-853-11	METAL CHIP	470K	5%	1/16W
R4	1-216-853-11	METAL CHIP	470K	5%	1/16W
R5	1-216-853-11	METAL CHIP	470K	5%	1/16W (US)
R6	1-216-833-11	METAL CHIP	10K	5%	1/16W
R7	1-216-853-11	METAL CHIP	470K	5%	1/16W
R8	1-216-853-11	METAL CHIP	470K	5%	1/16W
R12	1-216-821-11	METAL CHIP	1K	5%	1/16W
R15	1-216-805-11	METAL CHIP	47	5%	1/16W
R16	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R17	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R18	1-216-864-11	METAL CHIP	0	5%	1/16W
R19	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R21	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R23	1-216-833-11	METAL CHIP	10K	5%	1/16W
R24	1-216-821-11	METAL CHIP	1K	5%	1/16W
R28	1-216-864-11	METAL CHIP	0	5%	1/16W
R30	1-216-841-11	METAL CHIP	47K	5%	1/16W
R32	1-216-841-11	METAL CHIP	47K	5%	1/16W
R38	1-216-833-11	METAL CHIP	10K	5%	1/16W
R39	1-216-833-11	METAL CHIP	10K	5%	1/16W
R40	1-216-833-11	METAL CHIP	10K	5%	1/16W
R41	1-216-833-11	METAL CHIP	10K	5%	1/16W
R43	1-216-864-11	METAL CHIP	0	5%	1/16W
R44	1-216-833-11	METAL CHIP	10K	5%	1/16W
R45	1-216-821-11	METAL CHIP	1K	5%	1/16W
R46	1-216-817-11	METAL CHIP	470	5%	1/16W
R47	1-216-845-11	METAL CHIP	100K	5%	1/16W
R49	1-216-845-11	METAL CHIP	100K	5%	1/16W
R54	1-216-845-11	METAL CHIP	100K	5%	1/16W
R55	1-216-845-11	METAL CHIP	100K	5%	1/16W
R56	1-216-845-11	METAL CHIP	100K	5%	1/16W (CND)
R59	1-216-845-11	METAL CHIP	100K	5%	1/16W (US)
R60	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R61	1-216-833-11	METAL CHIP	10K	5%	1/16W
R66	1-216-841-11	METAL CHIP	47K	5%	1/16W
R67	1-216-841-11	METAL CHIP	47K	5%	1/16W
R68	1-216-833-11	METAL CHIP	10K	5%	1/16W
R69	1-216-833-11	METAL CHIP	10K	5%	1/16W
R70	1-216-841-11	METAL CHIP	47K	5%	1/16W
R71	1-216-841-11	METAL CHIP	47K	5%	1/16W
R72	1-216-841-11	METAL CHIP	47K	5%	1/16W

Ref. No.	Part No.	Description			Remarks
R73	1-216-841-11	METAL CHIP	47K	5%	1/16W
R74	1-216-845-11	METAL CHIP	100K	5%	1/16W
R75	1-216-845-11	METAL CHIP	100K	5%	1/16W
R76	1-216-833-11	METAL CHIP	10K	5%	1/16W
R77	1-216-833-11	METAL CHIP	10K	5%	1/16W
R78	1-216-845-11	METAL CHIP	100K	5%	1/16W
R79	1-216-845-11	METAL CHIP	100K	5%	1/16W
R80	1-216-833-11	METAL CHIP	10K	5%	1/16W
R81	1-216-864-11	METAL CHIP	0	5%	1/16W
R82	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R84	1-216-817-11	METAL CHIP	470	5%	1/16W
R85	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R86	1-216-813-11	METAL CHIP	220	5%	1/16W
R87	1-216-845-11	METAL CHIP	100K	5%	1/16W
R88	1-216-821-11	METAL CHIP	1K	5%	1/16W
R89	1-216-845-11	METAL CHIP	100K	5%	1/16W
R92	1-216-853-11	METAL CHIP	470K	5%	1/16W
R93	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R94	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R95	1-216-845-11	METAL CHIP	100K	5%	1/16W
R96	1-216-845-11	METAL CHIP	100K	5%	1/16W
R101	1-216-813-11	METAL CHIP	220	5%	1/16W
R102	1-216-837-11	METAL CHIP	22K	5%	1/16W
R106	1-216-845-11	METAL CHIP	100K	5%	1/16W
R110	1-216-817-11	METAL CHIP	470	5%	1/16W
R145	1-216-793-11	RES-CHIP	4.7	5%	1/10W
R162	1-216-837-11	METAL CHIP	22K	5%	1/16W
R201	1-216-813-11	METAL CHIP	220	5%	1/16W
R202	1-216-837-11	METAL CHIP	22K	5%	1/16W
R206	1-216-845-11	METAL CHIP	100K	5%	1/16W
R210	1-216-817-11	METAL CHIP	470	5%	1/16W
R245	1-216-793-11	RES-CHIP	4.7	5%	1/10W
R305	1-216-845-11	METAL CHIP	100K	5%	1/16W
R306	1-216-833-11	METAL CHIP	10K	5%	1/16W
R308	1-216-845-11	METAL CHIP	100K	5%	1/16W
R310	1-216-837-11	METAL CHIP	22K	5%	1/16W
R317	1-216-857-11	METAL CHIP	1M	5%	1/16W
R320	1-216-864-11	METAL CHIP	0	5%	1/16W
R322	1-216-864-11	METAL CHIP	0	5%	1/16W
R352	1-216-833-11	METAL CHIP	10K	5%	1/16W
R353	1-216-295-91	SHORT CHIP	0		
R354	1-216-864-11	METAL CHIP	0	5%	1/16W
R355	1-216-845-11	METAL CHIP	100K	5%	1/16W
R356	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R357	1-216-857-11	METAL CHIP	1M	5%	1/16W
R401	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R402	1-216-833-11	METAL CHIP	10K	5%	1/16W
R404	1-216-845-11	METAL CHIP	100K	5%	1/16W
R405	1-216-864-11	METAL CHIP	0	5%	1/16W
R408	1-216-845-11	METAL CHIP	100K	5%	1/16W
R411	1-216-864-11	METAL CHIP	0	5%	1/16W
R413	1-216-864-11	METAL CHIP	0	5%	1/16W
R415	1-216-833-11	METAL CHIP	10K	5%	1/16W
R416	1-216-857-11	METAL CHIP	1M	5%	1/16W
R417	1-216-864-11	METAL CHIP	0	5%	1/16W
R420	1-216-864-11	METAL CHIP	0	5%	1/16W
R421	1-216-857-11	METAL CHIP	1M	5%	1/16W
R422	1-216-833-11	METAL CHIP	10K	5%	1/16W

MAIN

Ref. No.	Part No.	Description			Remarks
R423	1-216-837-11	METAL CHIP	22K	5%	1/16W
R424	1-216-833-11	METAL CHIP	10K	5%	1/16W
R425	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R429	1-216-857-11	METAL CHIP	1M	5%	1/16W
R430	1-216-041-00	METAL CHIP	470	5%	1/10W
R431	1-216-857-11	METAL CHIP	1M	5%	1/16W
R432	1-216-853-11	METAL CHIP	470K	5%	1/16W
R433	1-216-857-11	METAL CHIP	1M	5%	1/16W
R434	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R435	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R436	1-216-833-11	METAL CHIP	10K	5%	1/16W
R437	1-216-864-11	METAL CHIP	0	5%	1/16W
R438	1-216-845-11	METAL CHIP	100K	5%	1/16W
R439	1-216-853-11	METAL CHIP	470K	5%	1/16W
R445	1-216-797-11	METAL CHIP	10	5%	1/16W
R446	1-216-864-11	METAL CHIP	0	5%	1/16W
R447	1-216-793-11	RES-CHIP	4.7	5%	1/10W
R448	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R449	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R451	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R452	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R453	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R454	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R455	1-216-837-11	METAL CHIP	22K	5%	1/16W
R458	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R459	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R460	1-218-903-11	METAL CHIP	220K	0.5%	1/10W
R461	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R462	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R463	1-216-857-11	METAL CHIP	1M	5%	1/16W
R468	1-216-857-11	METAL CHIP	1M	5%	1/16W
R469	1-216-857-11	METAL CHIP	1M	5%	1/16W
R470	1-216-853-11	METAL CHIP	470K	5%	1/16W
R475	1-216-837-11	METAL CHIP	22K	5%	1/16W
R601	1-216-841-11	METAL CHIP	47K	5%	1/16W
R612	1-216-845-11	METAL CHIP	100K	5%	1/16W
R613	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R614	1-216-864-11	METAL CHIP	0	5%	1/16W
R615	1-216-805-11	METAL CHIP	47	5%	1/16W
R616	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R617	1-218-895-11	METAL CHIP	100K	0.5%	1/10W
R618	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R619	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R620	1-216-833-11	METAL CHIP	10K	5%	1/16W
R621	1-216-857-11	METAL CHIP	1M	5%	1/16W
R622	1-216-849-11	METAL CHIP	220K	5%	1/16W
R623	1-216-833-11	METAL CHIP	10K	5%	1/16W
R624	1-216-853-11	METAL CHIP	470K	5%	1/16W
R625	1-216-864-11	METAL CHIP	0	5%	1/16W
R628	1-216-845-11	METAL CHIP	100K	5%	1/16W
R629	1-216-864-11	METAL CHIP	0	5%	1/16W
R631	1-216-837-11	METAL CHIP	22K	5%	1/16W
R632	1-216-841-11	METAL CHIP	47K	5%	1/16W
R633	1-216-837-11	METAL CHIP	22K	5%	1/16W
R634	1-216-845-11	METAL CHIP	100K	5%	1/16W
R635	1-216-837-11	METAL CHIP	22K	5%	1/16W
R636	1-216-845-11	METAL CHIP	100K	5%	1/16W
R637	1-216-837-11	METAL CHIP	22K	5%	1/16W
R639	1-216-837-11	METAL CHIP	22K	5%	1/16W
R810	1-216-845-11	METAL CHIP	100K	5%	1/16W
R812	1-216-833-11	METAL CHIP	10K	5%	1/16W
R813	1-216-845-11	METAL CHIP	100K	5%	1/16W
R815	1-216-845-11	METAL CHIP	100K	5%	1/16W
R817	1-216-845-11	METAL CHIP	100K	5%	1/16W
R818	1-216-849-11	METAL CHIP	220K	5%	1/16W
R819	1-216-845-11	METAL CHIP	100K	5%	1/16W
R821	1-216-861-11	METAL CHIP	2.2M	5%	1/16W
R822	1-216-857-11	METAL CHIP	1M	5%	1/16W
R823	1-216-853-11	METAL CHIP	470K	5%	1/16W
R824	1-216-821-11	METAL CHIP	1K	5%	1/16W
R825	1-216-837-11	METAL CHIP	22K	5%	1/16W
R826	1-216-821-11	METAL CHIP	1K	5%	1/16W
R827	1-216-864-11	METAL CHIP	0	5%	1/16W
R828	1-216-821-11	METAL CHIP	1K	5%	1/16W
R829	1-216-864-11	METAL CHIP	0	5%	1/16W
R830	1-216-864-11	METAL CHIP	0	5%	1/16W
R831	1-216-845-11	METAL CHIP	100K	5%	1/16W
R832	1-216-845-11	METAL CHIP	100K	5%	1/16W
R833	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R836	1-216-857-11	METAL CHIP	1M	5%	1/16W
R838	1-216-845-11	METAL CHIP	100K	5%	1/16W
R840	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R841	1-216-833-11	METAL CHIP	10K	5%	1/16W
R843	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R844	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R845	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R846	1-216-833-11	METAL CHIP	10K	5%	1/16W
		< VARIABLE RESISTOR >			
RV301	1-230-593-11	RES, VAR, CARBON 10K/10K (VOL ◣)			
		< SWITCH >			
S801	1-762-822-11	SWITCH, PUSH (1 KEY) (OPEN)			
S802	1-553-977-00	SWITCH, SLIDE (G-PROTECTION)			
S804	1-786-300-11	SWITCH, PUSH SLIDE (I◀◀/■/▶▶I)			
		< TRANSFORMER >			
T81	1-449-021-21	TRANSFORMER, DC/DC CONVERTER			
		< VARISTOR >			
VDR103	1-804-499-21	VARISTOR, CHIP			
VDR203	1-804-499-21	VARISTOR, CHIP			
VDR303	1-804-499-21	VARISTOR, CHIP			
		< VIBRATOR >			
X1	1-795-410-21	FILTER, CERAMIC (10.7MHz)			
X61	1-577-262-11	VIBRATOR, CRYSTAL (75kHz)			
X601	1-795-561-21	VIBRATOR, CERAMIC (16.93MHz)			

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SWITCH

Ref. No.	Part No.	Description			Remarks
*	A-3178-670-A	SWITCH BOARD, COMPLETE			
		**********			
		< CONNECTOR >			
* CN901	1-778-178-21	CONNECTOR, FFC/FPC (ZIF) 30P			
		< DIODE >			
D901	8-719-422-37	DIODE MA8051-TX			
		< LCD >			
GL901	1-804-638-11	LCD			
		< RESISTOR >			
R902	1-216-821-11	METAL CHIP	1K	5%	1/16W
R903	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R905	1-216-864-11	METAL CHIP	0	5%	1/16W
R906	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R907	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R908	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R909	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R911	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R912	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R913	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R914	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R915	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R917	1-216-845-11	METAL CHIP	100K	5%	1/16W
R918	1-216-845-11	METAL CHIP	100K	5%	1/16W
R919	1-216-845-11	METAL CHIP	100K	5%	1/16W
R920	1-216-845-11	METAL CHIP	100K	5%	1/16W
R921	1-216-845-11	METAL CHIP	100K	5%	1/16W
R922	1-216-845-11	METAL CHIP	100K	5%	1/16W
R923	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R926	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R928	1-216-841-11	METAL CHIP	47K	5%	1/16W
		< SWITCH >			
S901	1-762-078-11	SWITCH, SLIDE (LOCAL/DX)			
S902	1-762-078-11	SWITCH, SLIDE (STEP)			
S903	1-762-078-11	SWITCH, SLIDE (➡, HOLD)			
S904	1-771-053-21	SWITCH, KEY BOARD (TV)(US)(FM)(EXCEPT US)			
S905	1-771-053-21	SWITCH, KEY BOARD (WB)(US)(AM)(EXCEPT US)			
S908	1-771-053-21	SWITCH, KEY BOARD (MEMORY)			
S909	1-771-053-21	SWITCH, KEY BOARD (PLAY MODE)			
S910	1-771-053-21	SWITCH, KEY BOARD (REPEAT/ENTER)			
S911	1-771-053-21	SWITCH, KEY BOARD (SOUND)			
S921	1-771-053-21	SWITCH, KEY BOARD (FM)(US)(5)(EXCEPT US)			
S922	1-771-053-21	SWITCH, KEY BOARD (AM)(US)(4)(EXCEPT US)			
S923	1-771-053-21	SWITCH, KEY BOARD (3)			
S924	1-771-053-21	SWITCH, KEY BOARD (2)			
S925	1-771-053-21	SWITCH, KEY BOARD (1)			
S927	1-771-053-21	SWITCH, KEY BOARD (PRESET +)			
S928	1-771-053-21	SWITCH, KEY BOARD (PRESET -)			

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Ref. No.	Part No.	Description	Remarks
		MISCELLANEOUS	
		**********	
56	1-685-380-11	PWB, FLEXIBLE	
⚠160	X-3380-950-1	OPTICAL PICK-UP (DAX-25E)	
GL901	1-804-638-11	LCD	
M901	A-3052-904-A	MOTOR ASSY, TURN TABLE (SPINDLE)	
M902	A-3328-627-A	MOTOR ASSY, SLED (SLED)	
		ACCESSORIES	
		**********	
⚠	1-476-851-11	ADAPTOR, AC (AC-ES455)	
	3-240-556-01	STRAP, HAND	
	3-243-381-11	MANUAL, INSTRUCTION (ENGLISH)(US)	
	3-243-381-21	MANUAL, INSTRUCTION (ENGLISH)(CND)	
	3-243-381-31	MANUAL, INSTRUCTION (FRENCH)(CND)	
	8-953-284-95	RECEIVER,EAR MDR-W014LP/WK SET	
	1-543-798-11	FILTER, CLAMP (FERRITE CORE) (FOR AC ADAPTOR)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2002.07	New